

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101723\
 Data File : VD077337.D
 Acq On : 17 Oct 2023 13:05
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 18 04:19:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	110492	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	200719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	189817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	93713	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	66462	67.363	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.720%	
35) Dibromofluoromethane	7.804	113	67950	48.187	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.380%	
50) Toluene-d8	10.269	98	269435	53.352	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.700%	
62) 4-Bromofluorobenzene	12.575	95	77146	53.068	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.140%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	76448	74.422	ug/l	94
3) Chloromethane	2.152	50	157511	75.298	ug/l	99
4) Vinyl Chloride	2.287	62	193620	78.359	ug/l	100
5) Bromomethane	2.699	94	115196	72.547	ug/l	99
6) Chloroethane	2.840	64	139777	80.468	ug/l	97
7) Trichlorofluoromethane	3.181	101	168826	67.352	ug/l	98
8) Diethyl Ether	3.599	74	49616	73.852	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.969	101	90526	69.806	ug/l	98
10) Methyl Iodide	4.169	142	87381	55.067	ug/l	# 89
11) Tert butyl alcohol	5.046	59	9608	173.113	ug/l	# 76
12) 1,1-Dichloroethene	3.946	96	89358	70.239	ug/l	89
13) Acrolein	3.799	56	35872	372.328	ug/l	100
14) Allyl chloride	4.569	41	87586	72.560	ug/l	91
15) Acrylonitrile	5.252	53	80789	396.817	ug/l	98
16) Acetone	4.022	43	94834	438.325	ug/l	91
17) Carbon Disulfide	4.269	76	245567	65.663	ug/l	99
18) Methyl Acetate	4.563	43	56676	75.268	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	149515	69.000	ug/l	92
20) Methylene Chloride	4.805	84	91308	71.811	ug/l	# 89
21) trans-1,2-Dichloroethene	5.316	96	81443	61.551	ug/l	95
22) Diisopropyl ether	6.216	45	201589	85.075	ug/l	# 95
23) Vinyl Acetate	6.152	43	495563	446.274	ug/l	# 92
24) 1,1-Dichloroethane	6.110	63	140726	71.430	ug/l	98
25) 2-Butanone	7.081	43	92946	414.138	ug/l	94
26) 2,2-Dichloropropane	7.081	77	116427	64.813	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	87002	58.641	ug/l	90
28) Bromochloromethane	7.422	49	54883	76.262	ug/l	# 74
29) Tetrahydrofuran	7.440	42	57475	443.945	ug/l	87
30) Chloroform	7.598	83	144936	64.119	ug/l	97
31) Cyclohexane	7.881	56	110470	71.965	ug/l	92
32) 1,1,1-Trichloroethane	7.798	97	118626	60.831	ug/l	98
36) 1,1-Dichloropropene	8.010	75	110382	59.573	ug/l	95
37) Ethyl Acetate	7.169	43	43201	74.225	ug/l	# 93
38) Carbon Tetrachloride	7.993	117	105333	51.102	ug/l	98
39) Methylcyclohexane	9.275	83	125973	55.953	ug/l	93
40) Benzene	8.251	78	331036	58.872	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101723\
 Data File : VD077337.D
 Acq On : 17 Oct 2023 13:05
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 18 04:19:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	21812	78.525	ug/l	93
42) 1,2-Dichloroethane	8.328	62	85613	64.640	ug/l	95
43) Isopropyl Acetate	8.363	43	76578	73.085	ug/l #	90
44) Trichloroethene	9.028	130	76792	46.711	ug/l	83
45) 1,2-Dichloropropane	9.304	63	81846	63.144	ug/l	94
46) Dibromomethane	9.393	93	45915	56.661	ug/l #	86
47) Bromodichloromethane	9.587	83	109911	56.882	ug/l	95
48) Methyl methacrylate	9.381	41	36891	77.828	ug/l #	79
49) 1,4-Dioxane	9.387	88	8136	1021.261	ug/l #	73
51) 4-Methyl-2-Pentanone	10.157	43	205537	391.319	ug/l	91
52) Toluene	10.334	92	206963	56.373	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	103941	59.927	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	124539	58.686	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	61414	54.719	ug/l	96
56) Ethyl methacrylate	10.598	69	66970	62.435	ug/l #	88
57) 1,3-Dichloropropane	10.881	76	102295	59.333	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	163056	307.397	ug/l	91
59) 2-Hexanone	10.922	43	149271	395.696	ug/l	89
60) Dibromochloromethane	11.075	129	71041	49.571	ug/l	98
61) 1,2-Dibromoethane	11.181	107	56843	53.747	ug/l	99
64) Tetrachloroethene	10.810	164	58993	41.814	ug/l	88
65) Chlorobenzene	11.610	112	203890	49.279	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	73760	46.898	ug/l	97
67) Ethyl Benzene	11.687	91	378644	55.207	ug/l	95
68) m/p-Xylenes	11.792	106	297959	105.794	ug/l	89
69) o-Xylene	12.122	106	133548	51.510	ug/l	90
70) Styrene	12.139	104	244477	55.268	ug/l	97
71) Bromoform	12.298	173	36917	42.819	ug/l #	99
73) Isopropylbenzene	12.422	105	352867	56.927	ug/l	95
74) N-amyl acetate	12.234	43	72396	81.187	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	72630	64.480	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	84503	65.522	ug/l #	100
77) Bromobenzene	12.704	156	76107	46.768	ug/l	79
78) n-propylbenzene	12.763	91	460113	61.635	ug/l	94
79) 2-Chlorotoluene	12.851	91	239815	58.979	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	297093	58.081	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	23938	68.446	ug/l	92
82) 4-Chlorotoluene	12.951	91	253076	59.783	ug/l	93
83) tert-Butylbenzene	13.169	119	243175	53.621	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	298327	57.927	ug/l	97
85) sec-Butylbenzene	13.345	105	392886	57.571	ug/l	94
86) p-Isopropyltoluene	13.463	119	324563	54.745	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	169008	49.349	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	163452	48.163	ug/l	98
89) n-Butylbenzene	13.786	91	324985	62.953	ug/l	95
90) Hexachloroethane	14.057	117	65814	54.918	ug/l	80
91) 1,2-Dichlorobenzene	13.833	146	142098	49.118	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9862	71.532	ug/l	78
93) 1,2,4-Trichlorobenzene	15.104	180	78745	43.686	ug/l	97
94) Hexachlorobutadiene	15.210	225	39853	38.931	ug/l	98
95) Naphthalene	15.333	128	157586	51.780	ug/l	97
96) 1,2,3-Trichlorobenzene	15.528	180	69575	44.470	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101723\
Data File : VD077337.D
Acq On : 17 Oct 2023 13:05
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Oct 18 04:19:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 2023
Response via : Initial Calibration

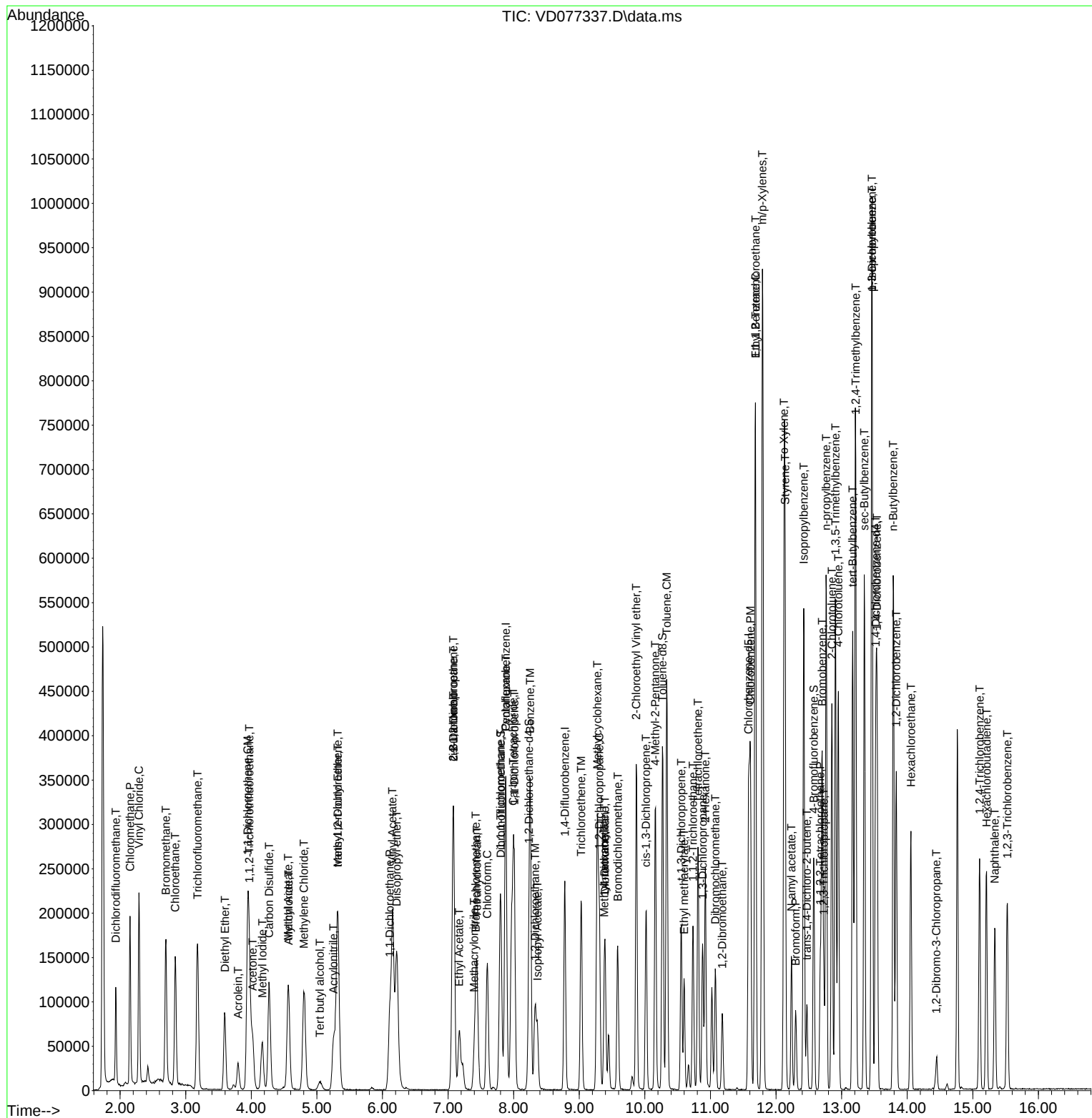
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

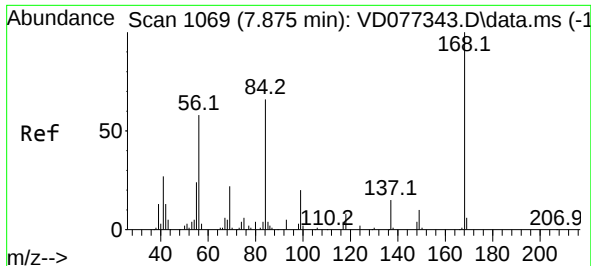
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101723\
 Data File : VD077337.D
 Acq On : 17 Oct 2023 13:05
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 18 04:19:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

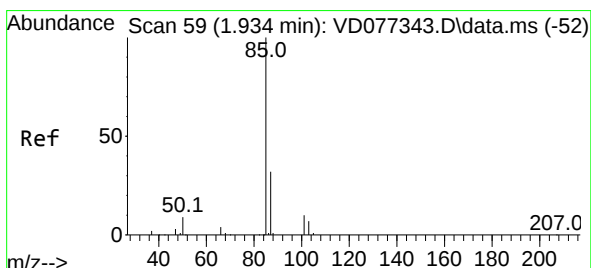
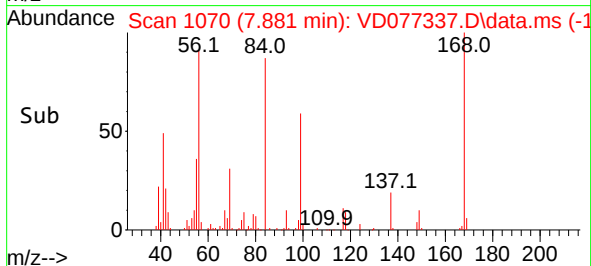
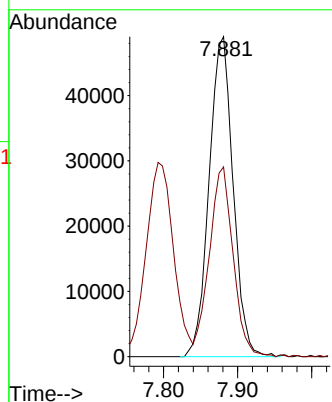
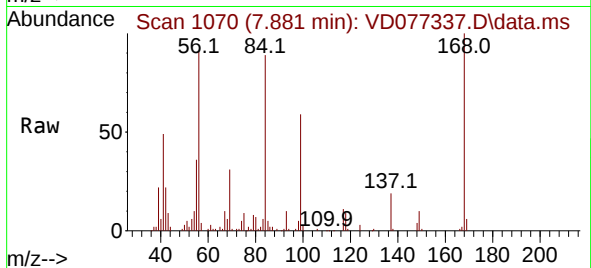




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

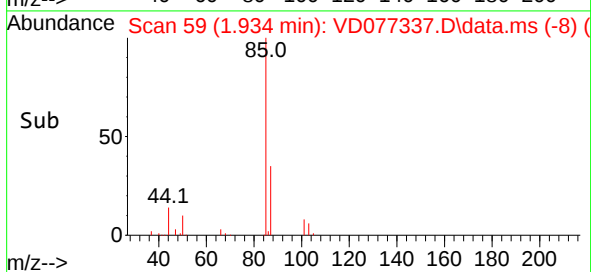
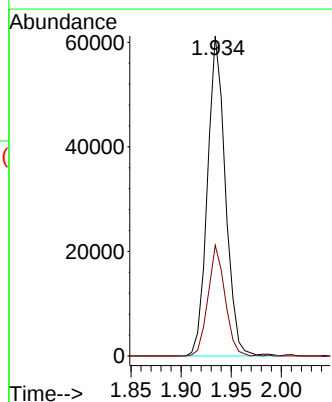
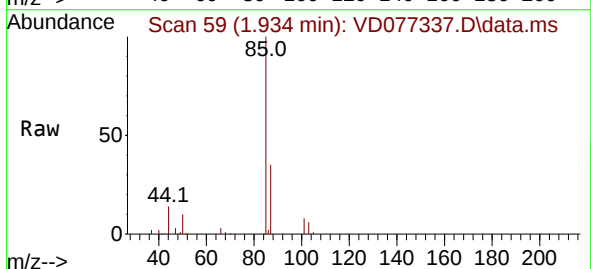
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

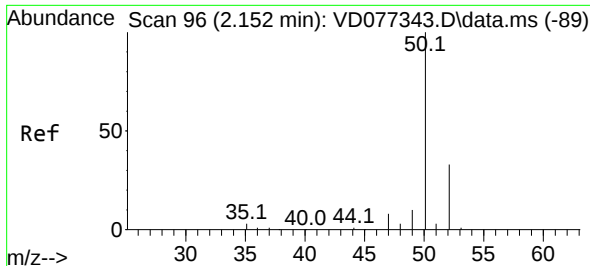
Tgt Ion:168 Resp: 110492
Ion Ratio Lower Upper
168 100
99 58.8 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 74.422 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion: 85 Resp: 76448
Ion Ratio Lower Upper
85 100
87 34.6 15.7 47.0

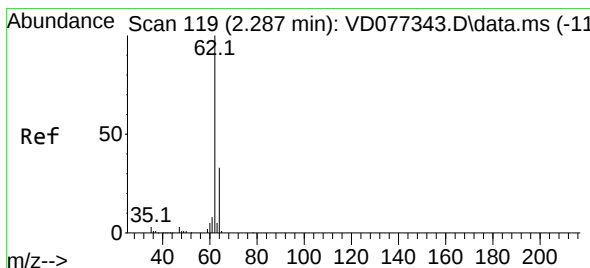
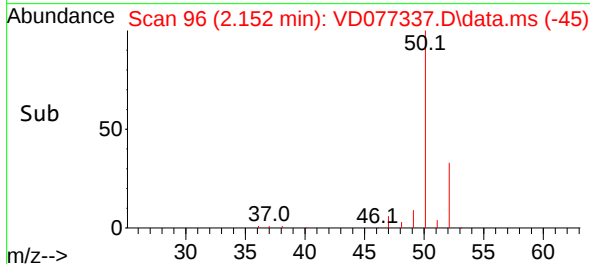
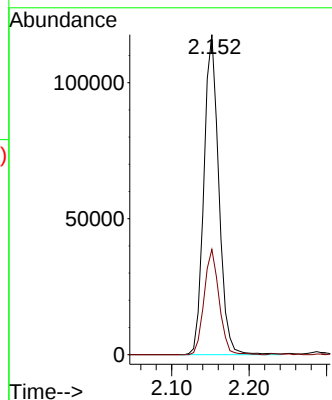
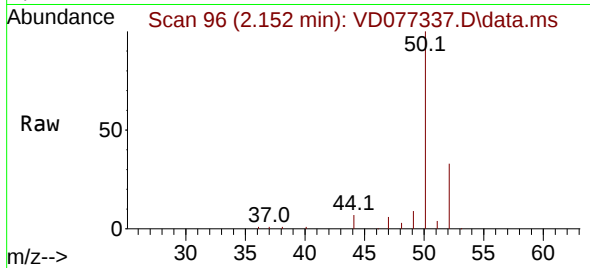




#3
Chloromethane
Concen: 75.298 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

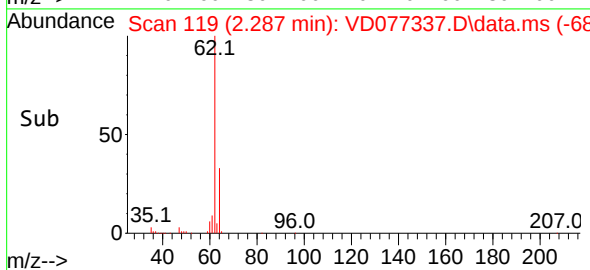
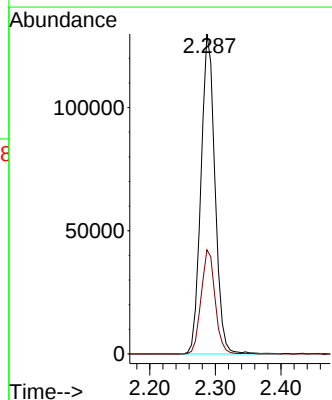
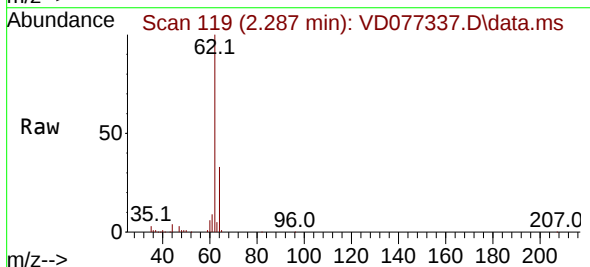
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

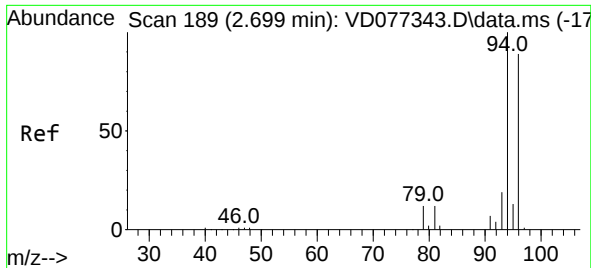
Tgt Ion: 50 Resp: 157511
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0



#4
Vinyl Chloride
Concen: 78.359 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion: 62 Resp: 193620
Ion Ratio Lower Upper
62 100
64 32.6 26.0 39.0

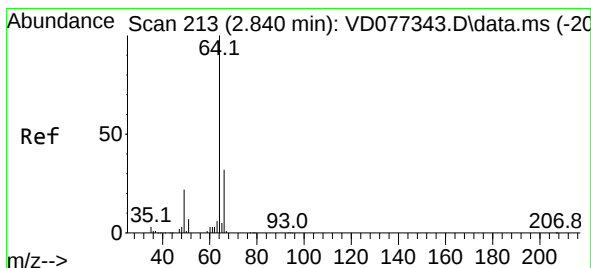
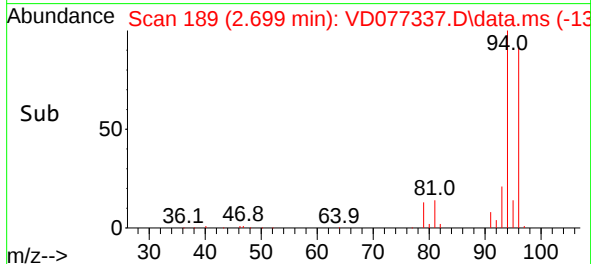
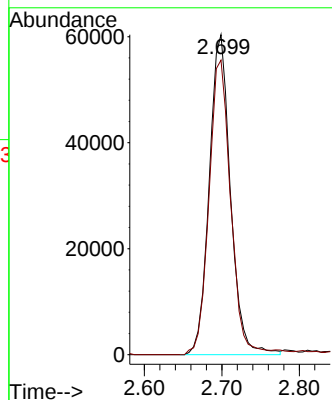
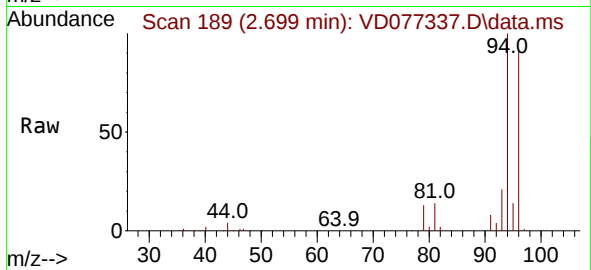




#5
Bromomethane
Concen: 72.547 ug/l
RT: 2.699 min Scan# 189
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

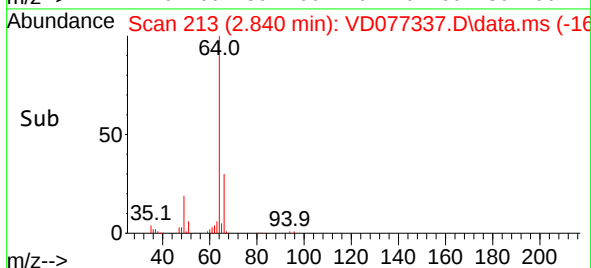
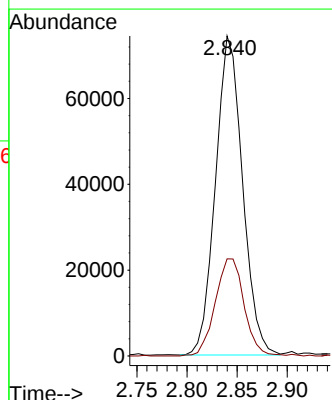
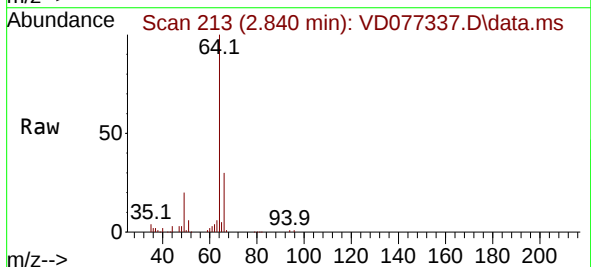
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

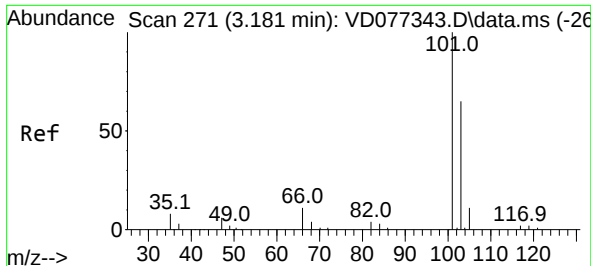
Tgt Ion: 94 Resp: 115196
Ion Ratio Lower Upper
94 100
96 93.7 75.8 113.8



#6
Chloroethane
Concen: 80.468 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion: 64 Resp: 139777
Ion Ratio Lower Upper
64 100
66 30.4 25.5 38.3

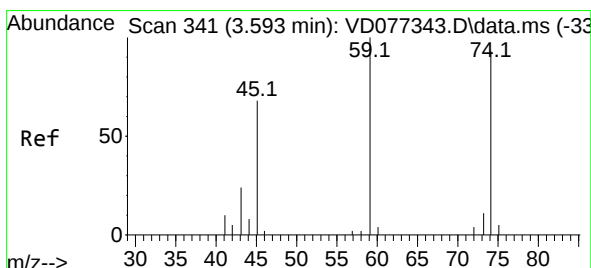
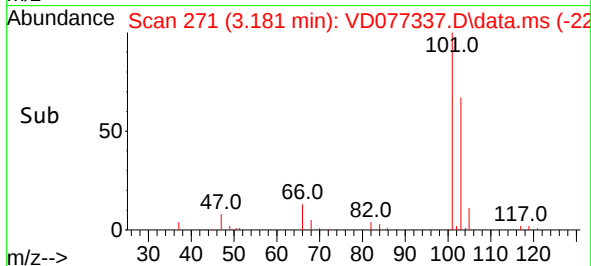
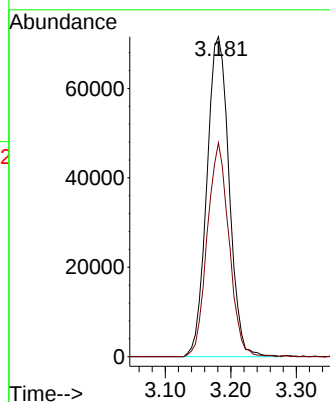
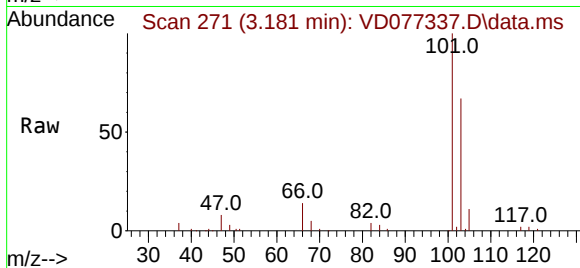




#7
 Trichlorofluoromethane
 Concen: 67.352 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077337.D
 Acq: 17 Oct 2023 13:05

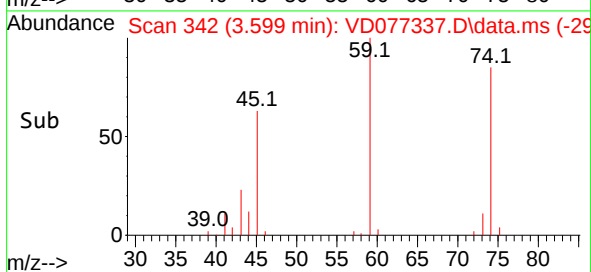
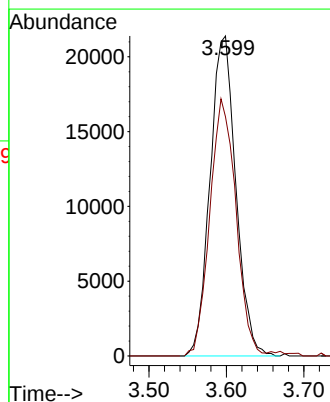
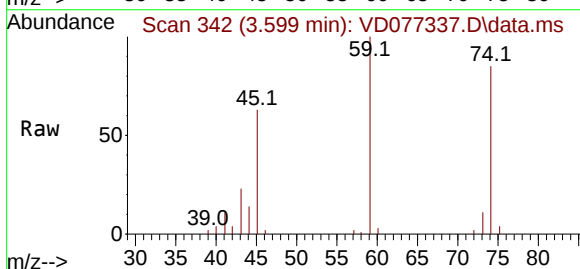
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

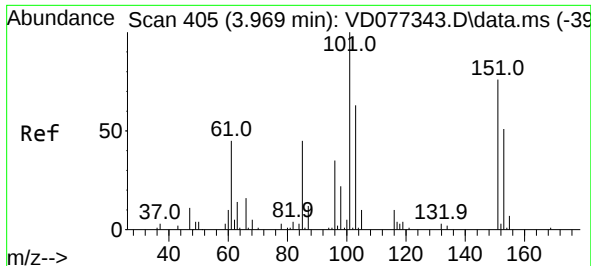
Tgt Ion:101 Resp: 168826
 Ion Ratio Lower Upper
 101 100
 103 66.8 52.3 78.5



#8
 Diethyl Ether
 Concen: 73.852 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD077337.D
 Acq: 17 Oct 2023 13:05

Tgt Ion: 74 Resp: 49616
 Ion Ratio Lower Upper
 74 100
 45 81.2 37.5 112.7

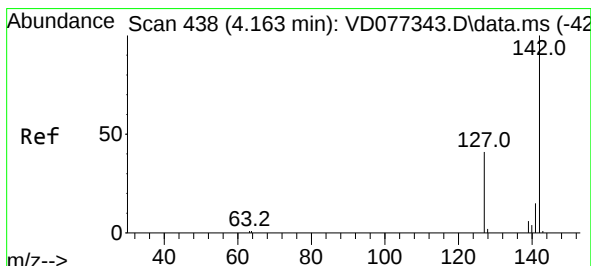
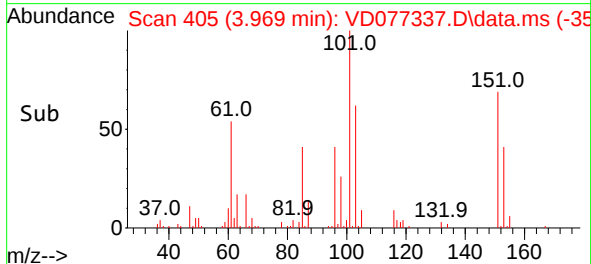
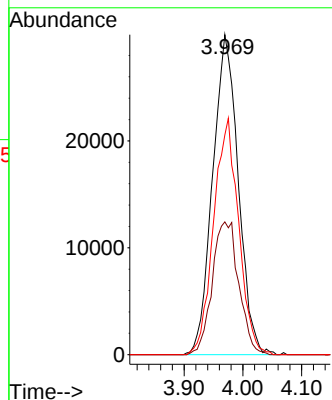
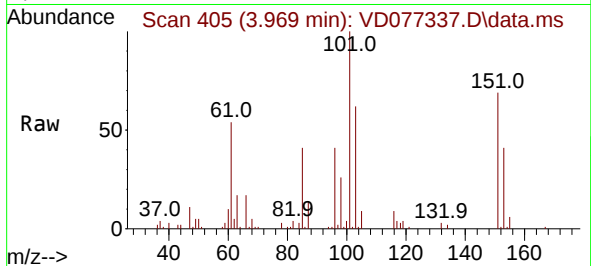




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 69.806 ug/l
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD077337.D
 Acq: 17 Oct 2023 13:05

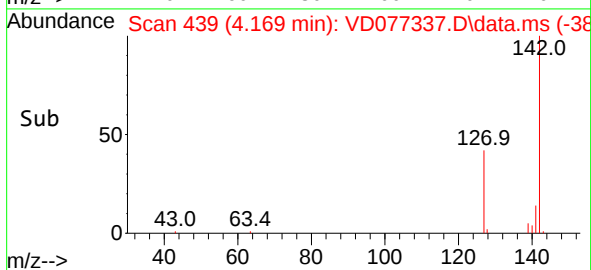
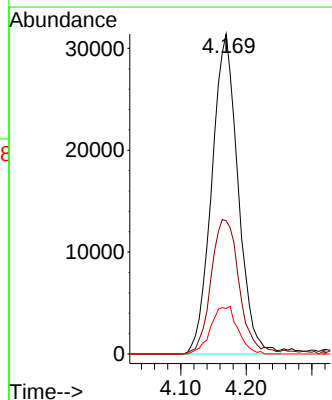
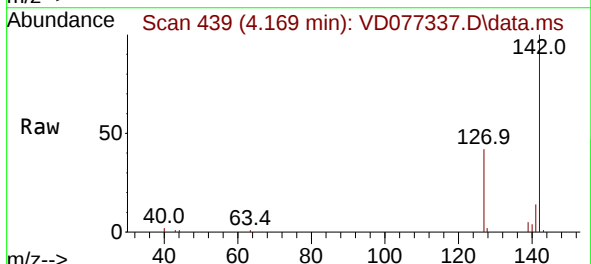
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

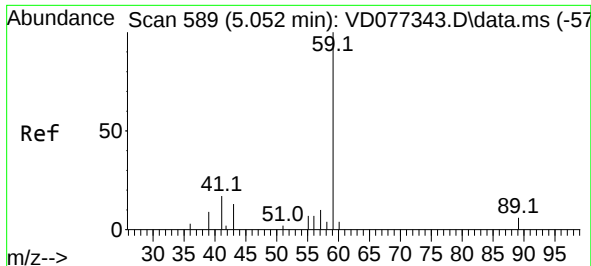
Tgt Ion:	101	Resp:	90526
Ion	Ratio	Lower	Upper
101	100		
85	43.2	33.8	50.6
151	72.2	59.8	89.6



#10
 Methyl Iodide
 Concen: 55.067 ug/l
 RT: 4.169 min Scan# 439
 Delta R.T. 0.006 min
 Lab File: VD077337.D
 Acq: 17 Oct 2023 13:05

Tgt Ion:	142	Resp:	87381
Ion	Ratio	Lower	Upper
142	100		
127	45.0	29.4	44.0#
141	15.2	11.1	16.7

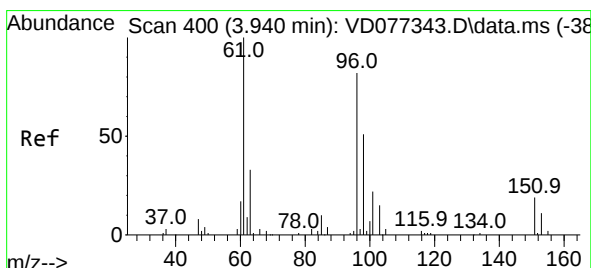
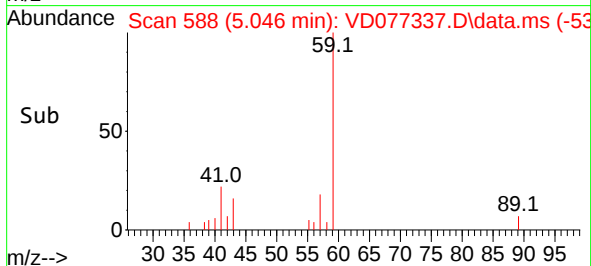
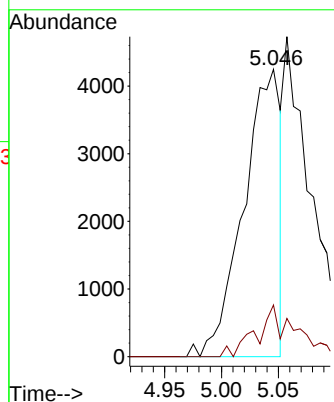
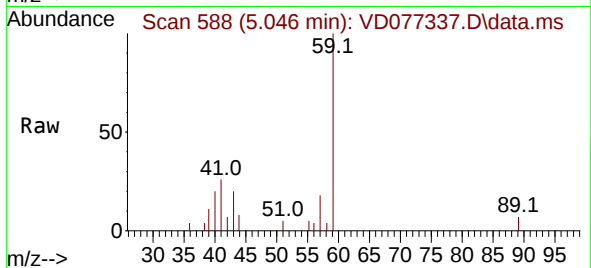




#11
Tert butyl alcohol
Concen: 173.113 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

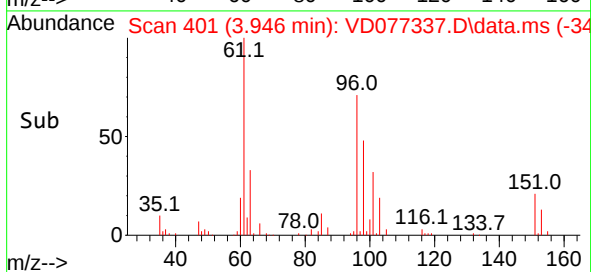
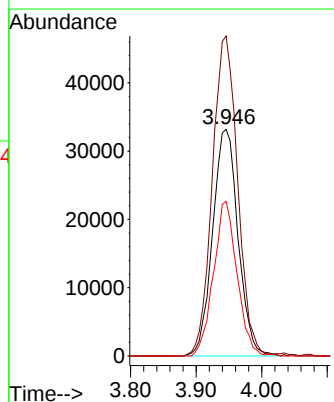
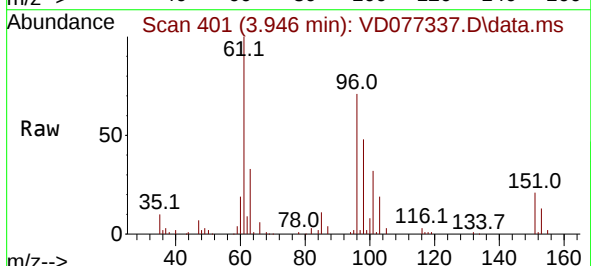
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

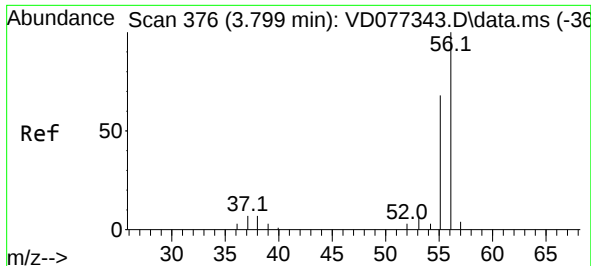
Tgt Ion: 59 Resp: 9608
Ion Ratio Lower Upper
59 100
57 18.6 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 70.239 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion: 96 Resp: 89358
Ion Ratio Lower Upper
96 100
61 141.2 100.6 150.8
98 68.2 50.2 75.2

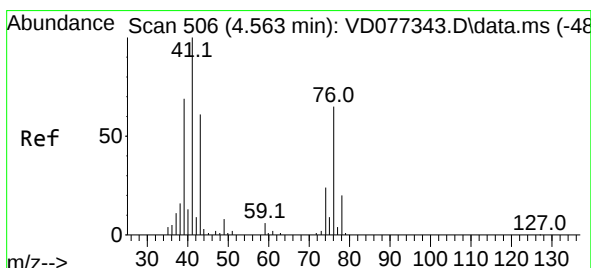
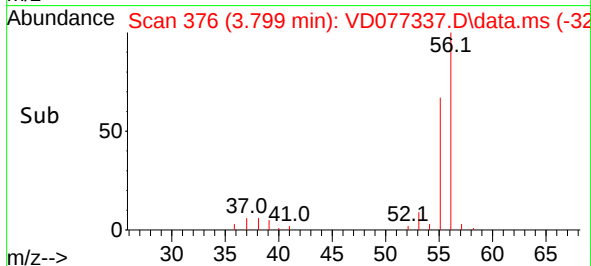
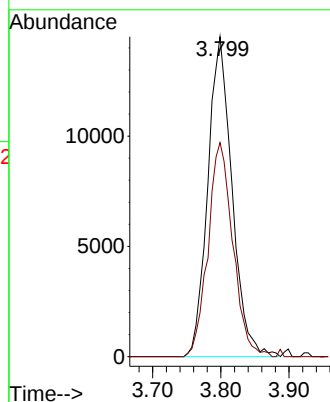
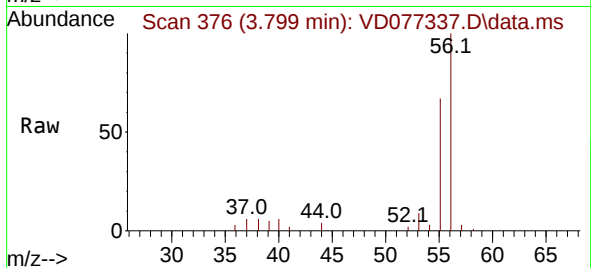




#13
Acrolein
Concen: 372.328 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

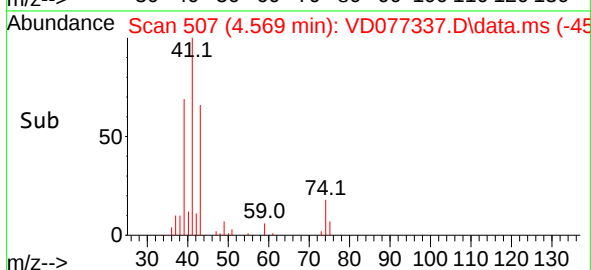
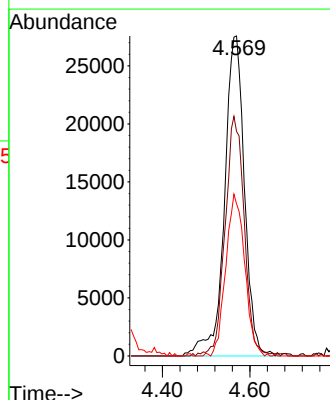
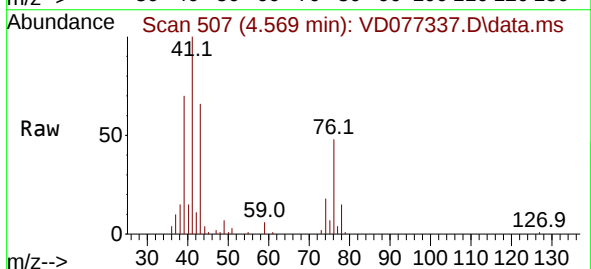
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

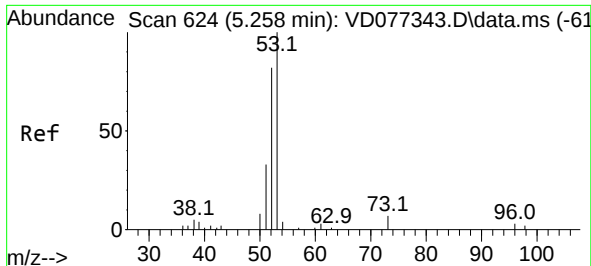
Tgt Ion: 56 Resp: 35872
Ion Ratio Lower Upper
56 100
55 68.6 55.1 82.7



#14
Allyl chloride
Concen: 72.560 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion: 41 Resp: 87586
Ion Ratio Lower Upper
41 100
39 71.5 53.8 80.6
76 47.9 45.8 68.8

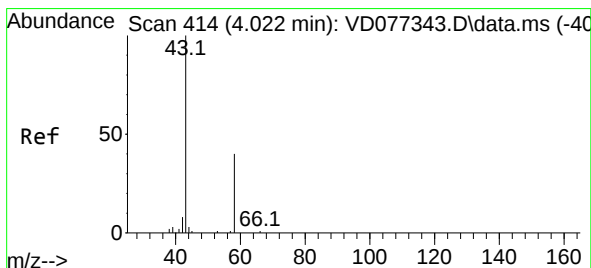
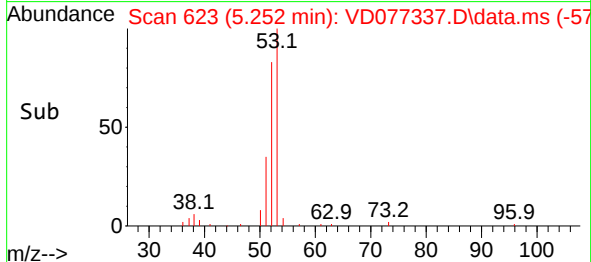
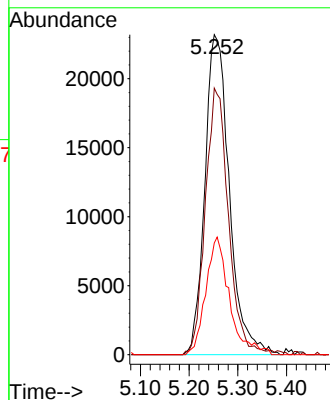
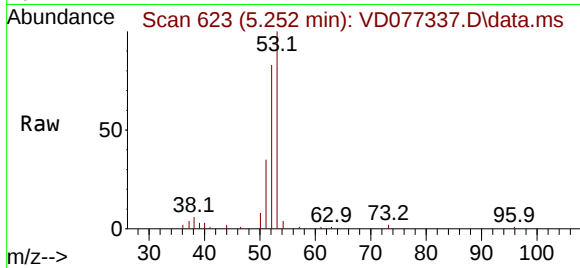




#15
Acrylonitrile
Concen: 396.817 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

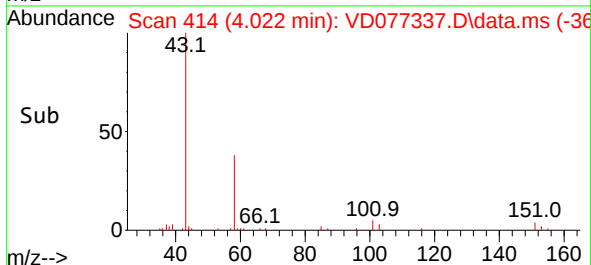
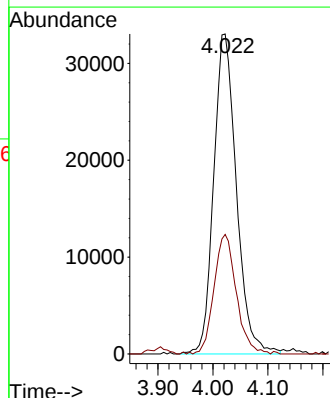
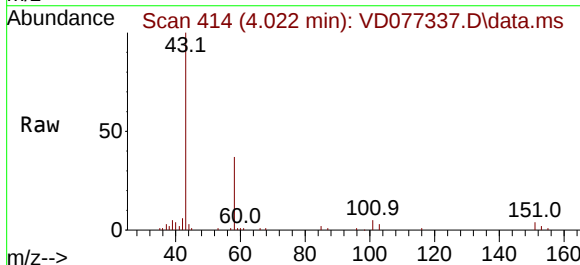
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

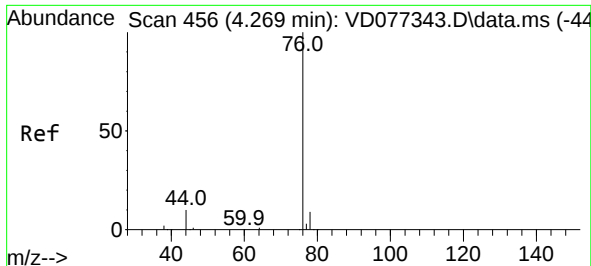
Tgt Ion: 53 Resp: 80789
Ion Ratio Lower Upper
53 100
52 78.8 65.0 97.4
51 35.7 28.3 42.5



#16
Acetone
Concen: 438.325 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion: 43 Resp: 94834
Ion Ratio Lower Upper
43 100
58 37.3 34.7 52.1

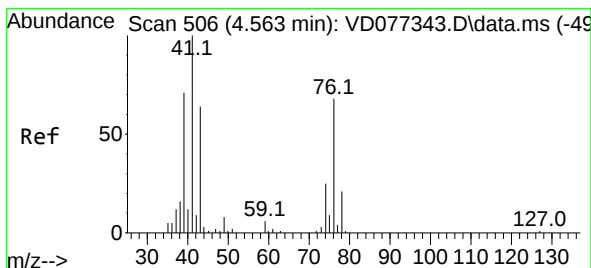
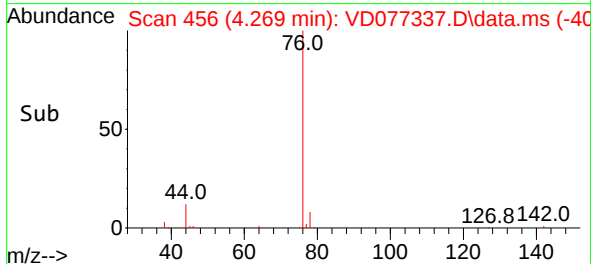
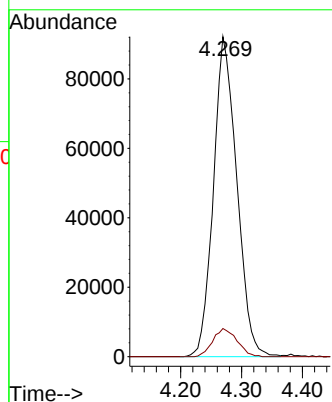
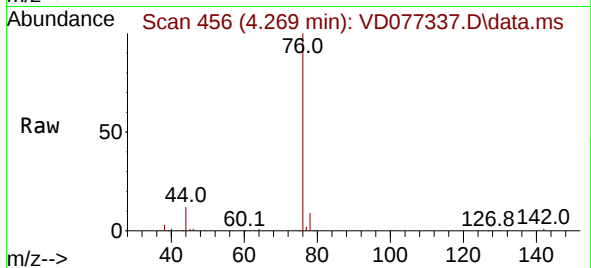




#17
Carbon Disulfide
Concen: 65.663 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

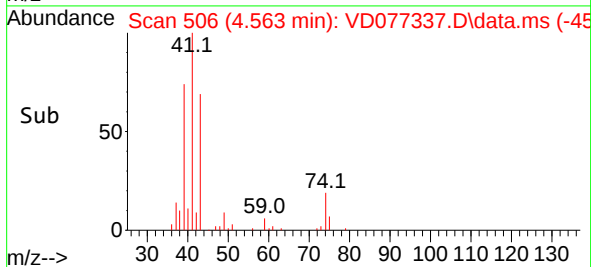
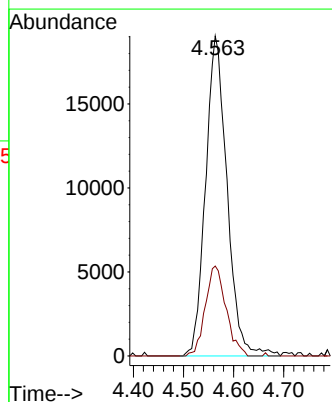
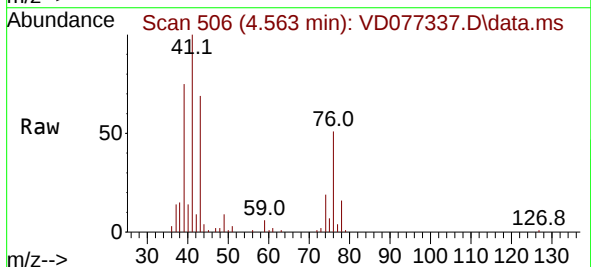
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

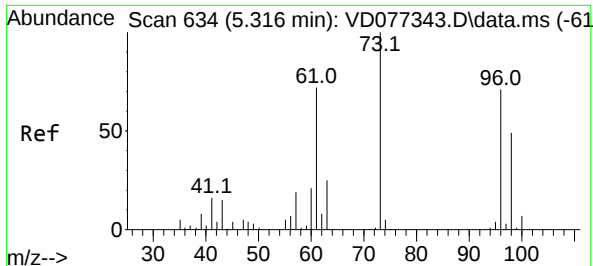
Tgt Ion: 76 Resp: 245567
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 75.268 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion: 43 Resp: 56676
Ion Ratio Lower Upper
43 100
74 27.1 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 69.000 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077337.D

Acq: 17 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

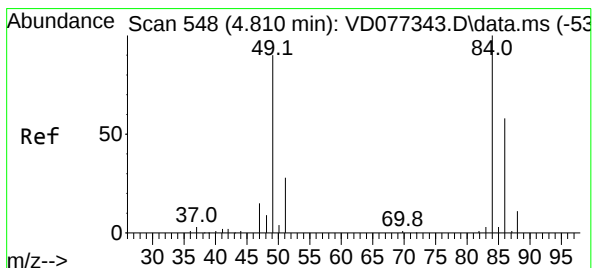
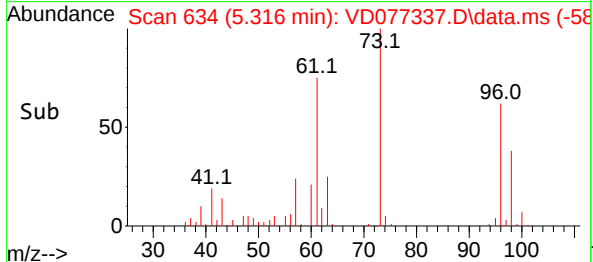
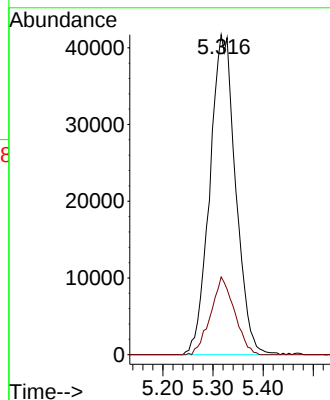
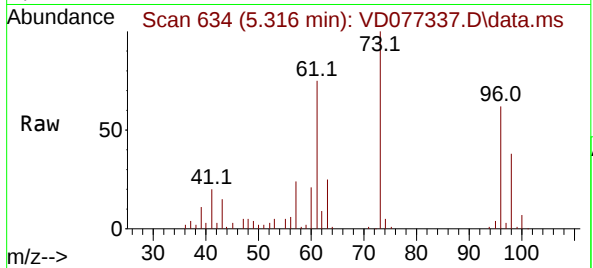
VSTDCCC050

Tgt Ion: 73 Resp: 149515

Ion Ratio Lower Upper

73 100

57 24.3 16.6 25.0



#20

Methylene Chloride

Concen: 71.811 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.005 min

Lab File: VD077337.D

Acq: 17 Oct 2023 13:05

Tgt Ion: 84 Resp: 91308

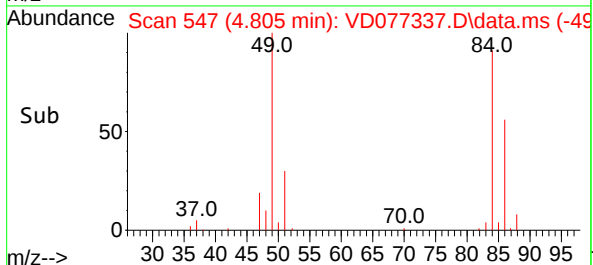
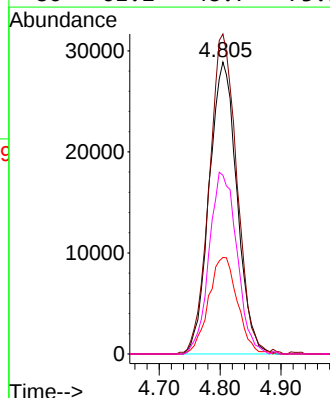
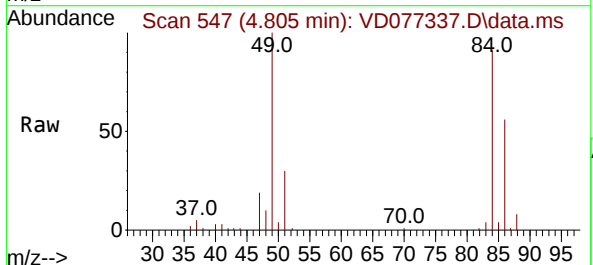
Ion Ratio Lower Upper

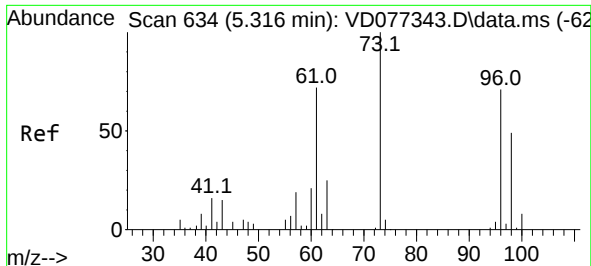
84 100

49 109.0 71.4 107.2#

51 33.0 24.5 36.7

86 61.2 48.7 73.1

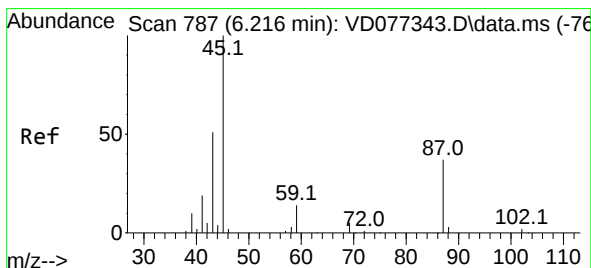
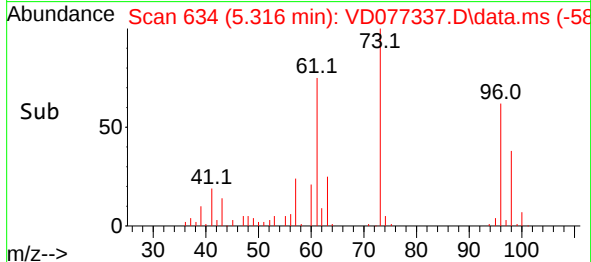
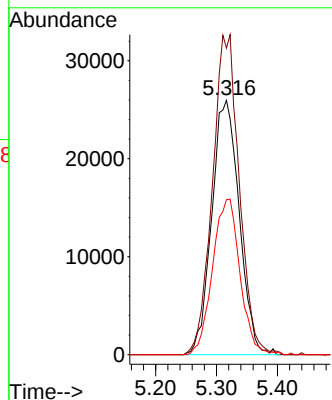
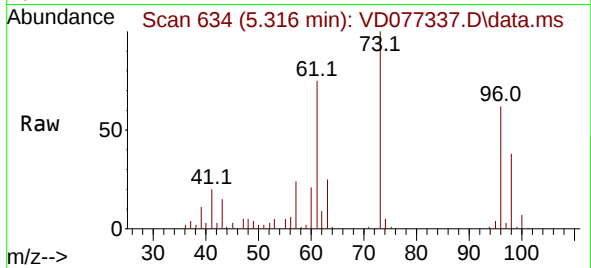




#21
trans-1,2-Dichloroethene
Concen: 61.551 ug/l
RT: 5.316 min Scan# 614
Delta R.T. 0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

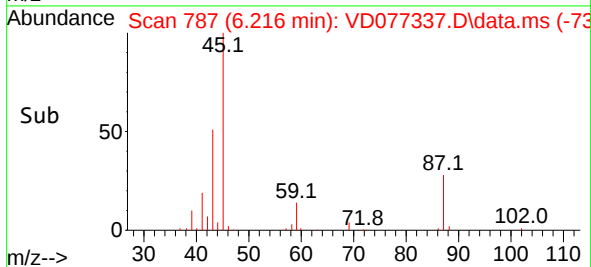
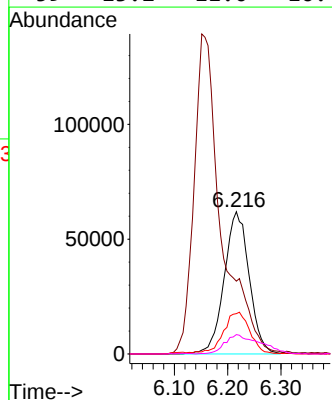
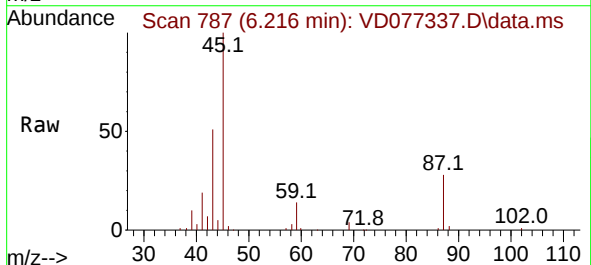
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

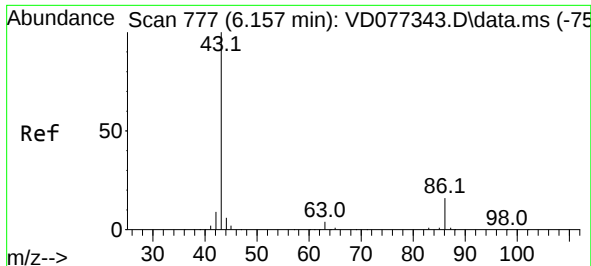
Tgt Ion: 96 Resp: 81443
Ion Ratio Lower Upper
96 100
61 120.5 89.3 133.9
98 60.9 48.6 73.0



#22
Diisopropyl ether
Concen: 85.075 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion: 45 Resp: 201589
Ion Ratio Lower Upper
45 100
43 49.4 40.0 60.0
87 28.0 28.2 42.4#
59 13.2 11.0 16.4

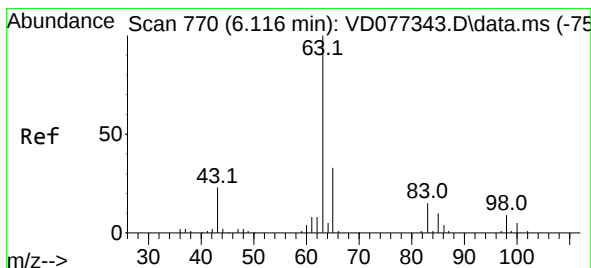
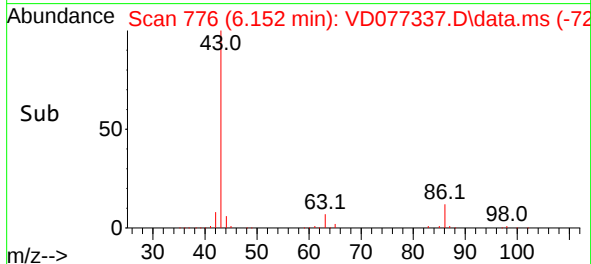
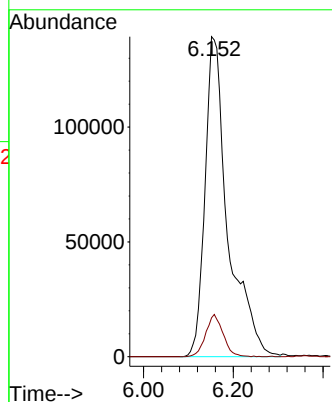
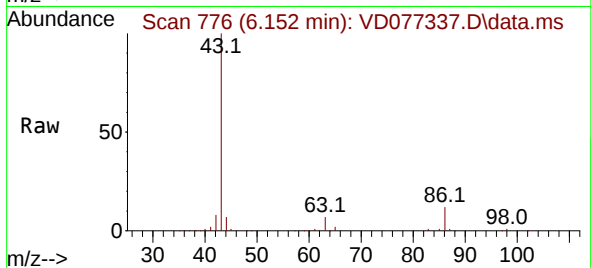




#23
 Vinyl Acetate
 Concen: 446.274 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.005 min
 Lab File: VD077337.D
 Acq: 17 Oct 2023 13:05

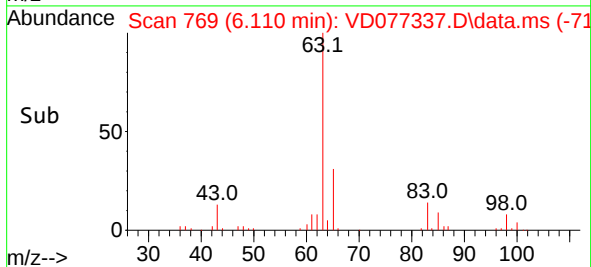
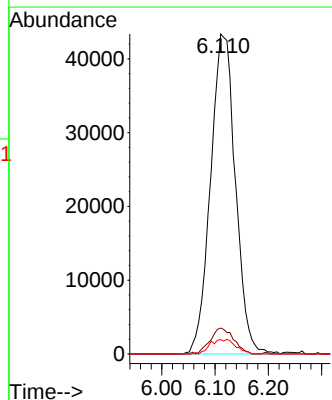
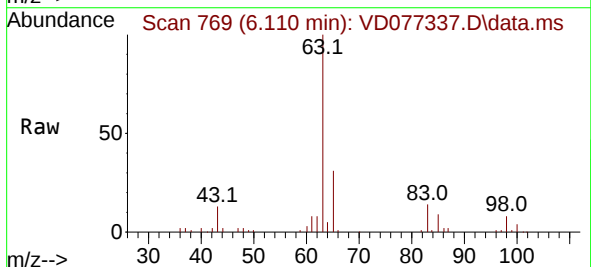
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

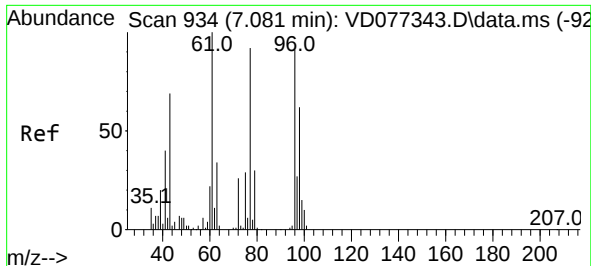
Tgt Ion: 43 Resp: 495563
 Ion Ratio Lower Upper
 43 100
 86 12.2 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 71.430 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD077337.D
 Acq: 17 Oct 2023 13:05

Tgt Ion: 63 Resp: 140726
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.5 13.7
 100 4.4 2.5 7.5

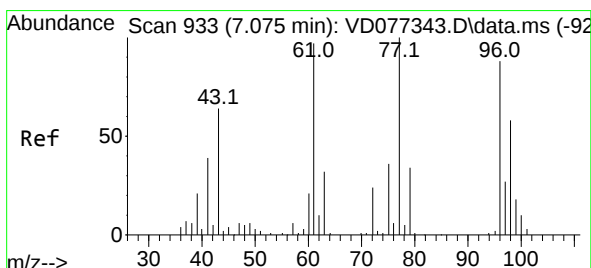
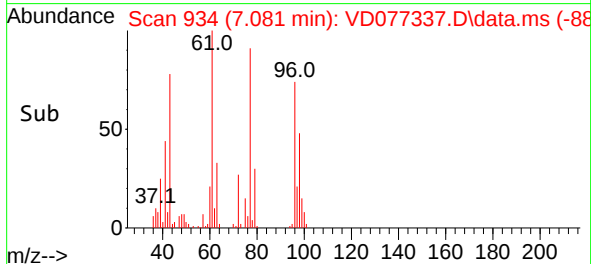
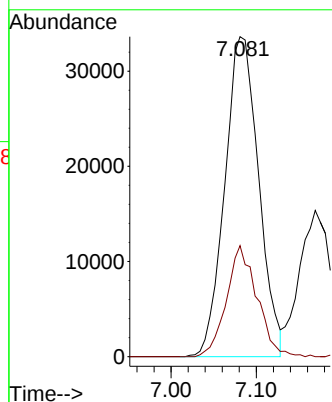
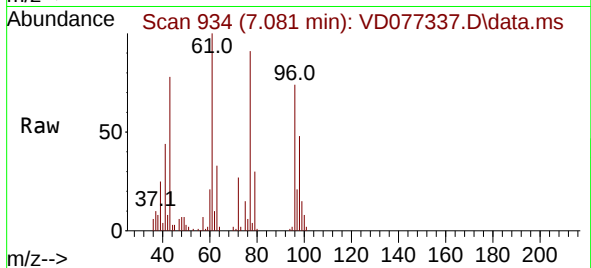




#25
2-Butanone
Concen: 414.138 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

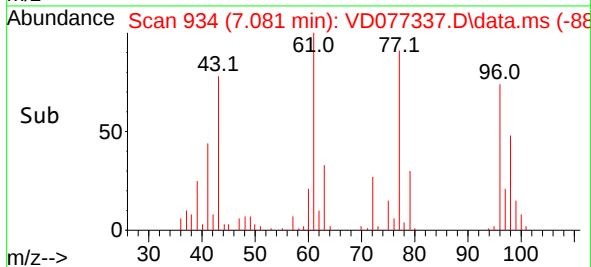
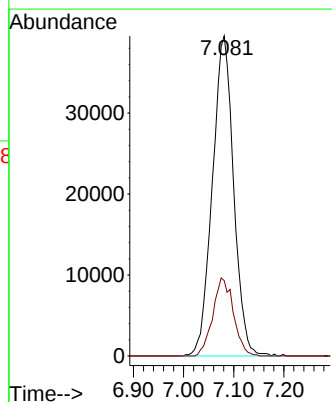
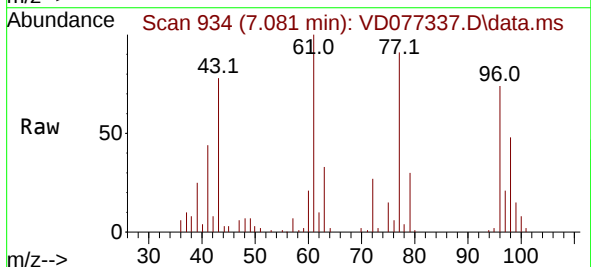
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

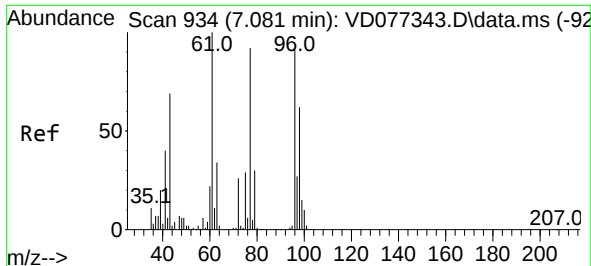
Tgt Ion: 43 Resp: 92946
Ion Ratio Lower Upper
43 100
72 34.7 30.7 46.1



#26
2,2-Dichloropropane
Concen: 64.813 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion: 77 Resp: 116427
Ion Ratio Lower Upper
77 100
97 23.7 13.2 39.6



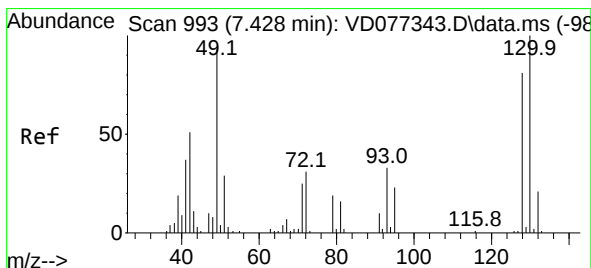
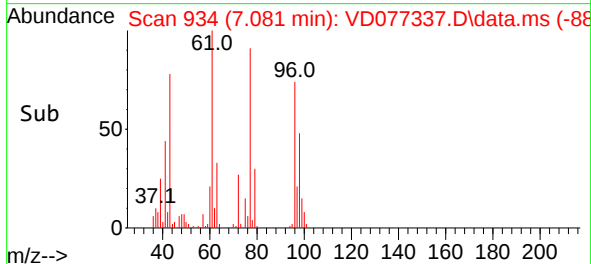
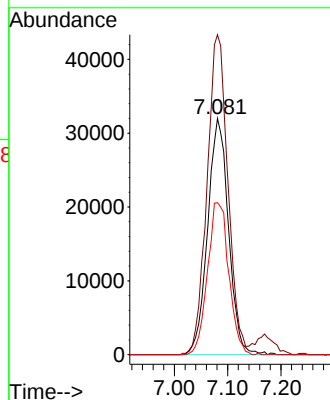
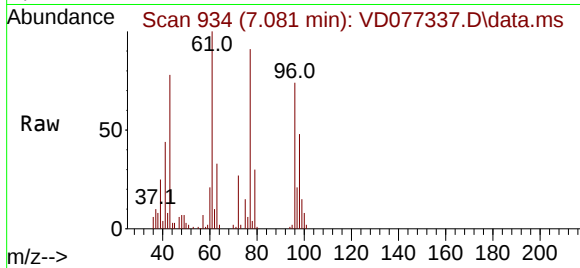


#27
 cis-1,2-Dichloroethene
 Concen: 58.641 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077337.D
 Acq: 17 Oct 2023 13:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 87002

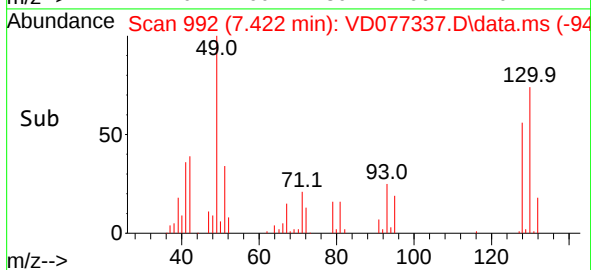
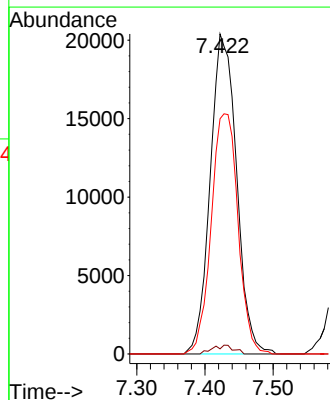
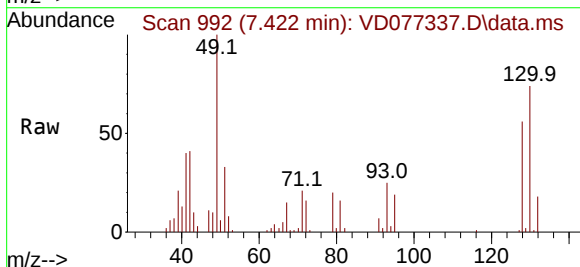
Ion	Ratio	Lower	Upper
96	100		
61	135.5	0.0	239.2
98	65.6	0.0	128.6

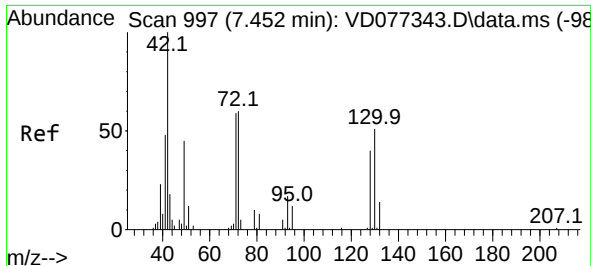


#28
 Bromochloromethane
 Concen: 76.262 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD077337.D
 Acq: 17 Oct 2023 13:05

Tgt Ion: 49 Resp: 54883

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	6.0
130	76.2	83.2	124.8





#29

Tetrahydrofuran

Concen: 443.945 ug/l

RT: 7.440 min Scan# 99

Delta R.T. -0.012 min

Lab File: VD077337.D

Acq: 17 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

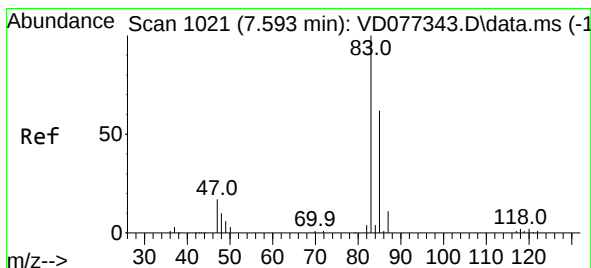
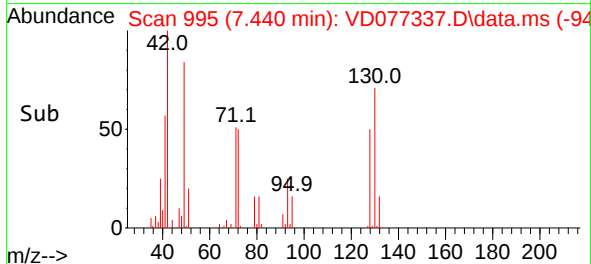
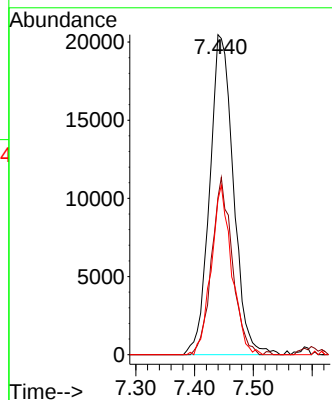
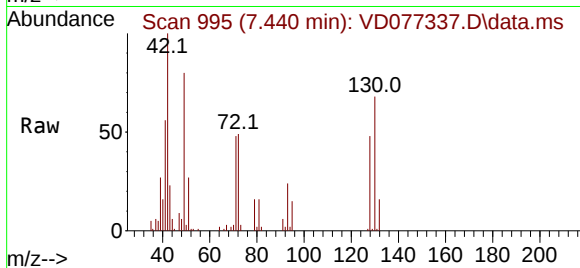
Tgt Ion: 42 Resp: 57475

Ion Ratio Lower Upper

42 100

72 48.2 46.5 69.7

71 45.7 44.5 66.7



#30

Chloroform

Concen: 64.119 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. 0.005 min

Lab File: VD077337.D

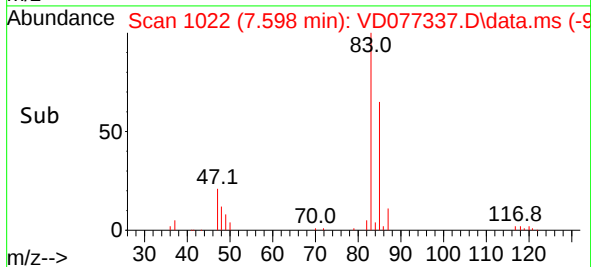
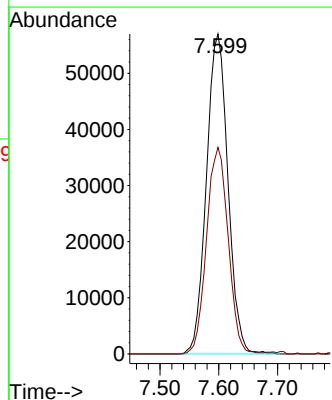
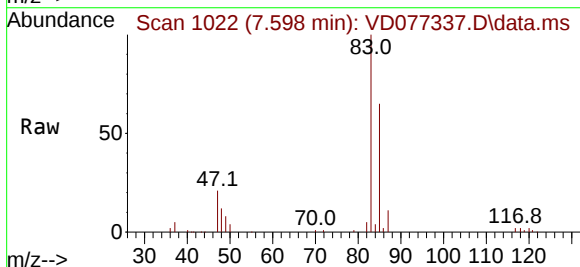
Acq: 17 Oct 2023 13:05

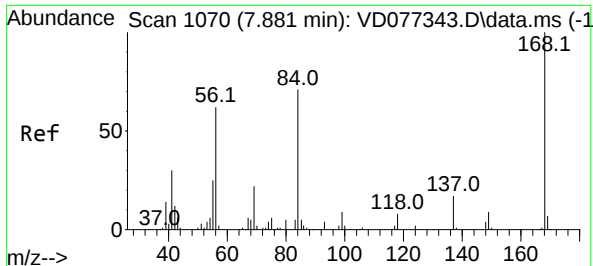
Tgt Ion: 83 Resp: 144936

Ion Ratio Lower Upper

83 100

85 64.6 53.4 80.2

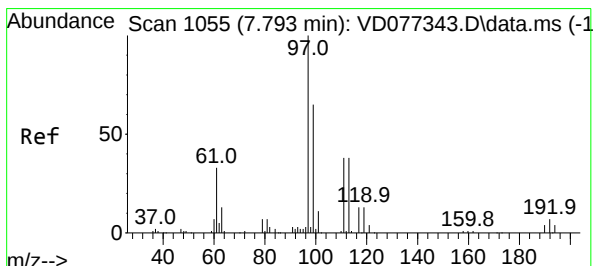
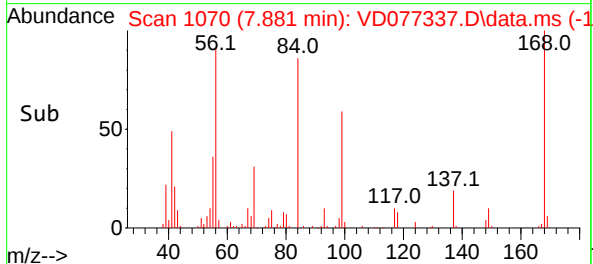
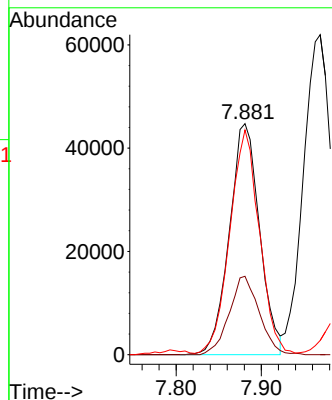
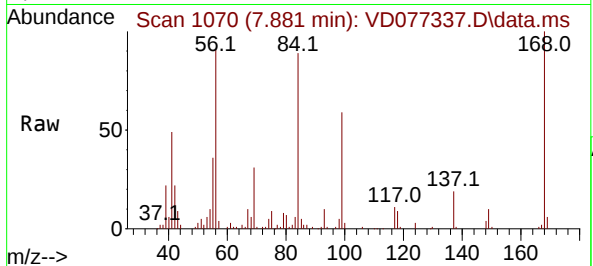




#31
Cyclohexane
Concen: 71.965 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

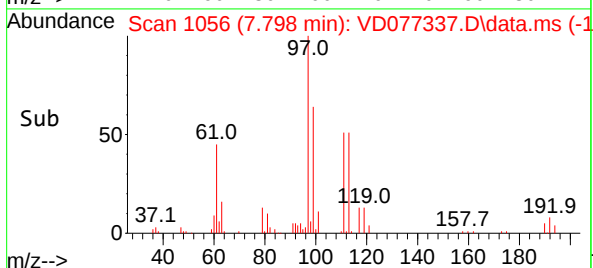
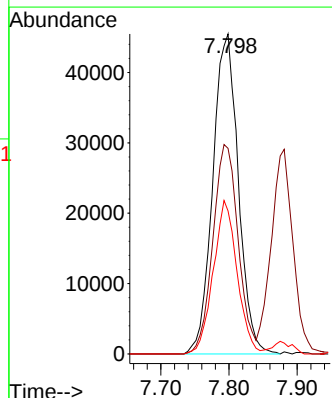
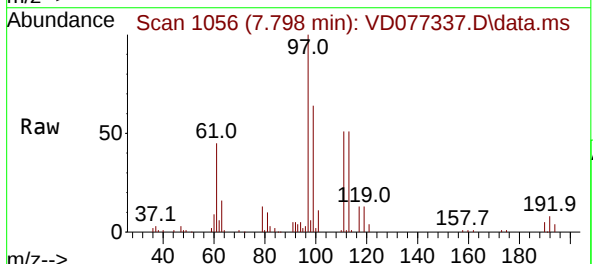
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

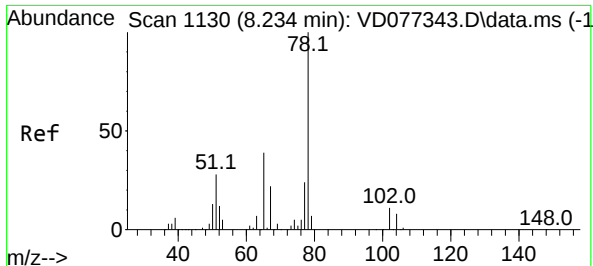
Tgt Ion: 56 Resp: 110470
Ion Ratio Lower Upper
56 100
69 33.9 28.6 43.0
84 96.0 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 60.831 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. 0.005 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion: 97 Resp: 118626
Ion Ratio Lower Upper
97 100
99 64.9 52.0 78.0
61 44.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 67.363 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD077337.D

Acq: 17 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

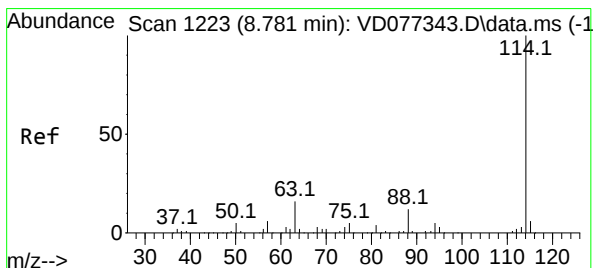
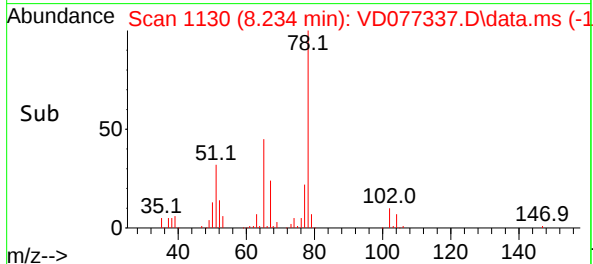
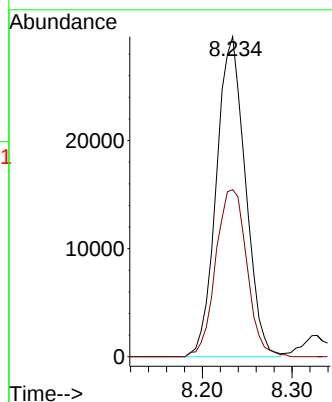
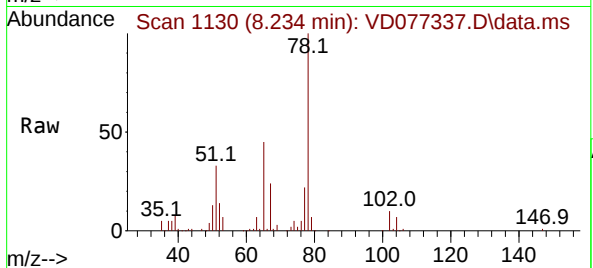
VSTDCCC050

Tgt Ion: 65 Resp: 66462

Ion Ratio Lower Upper

65 100

67 56.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD077337.D

Acq: 17 Oct 2023 13:05

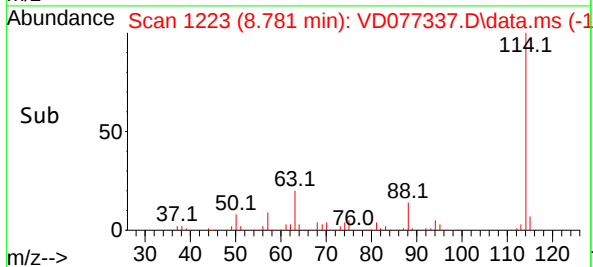
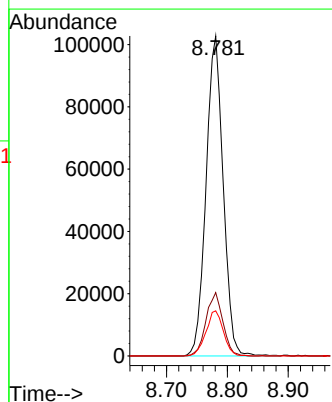
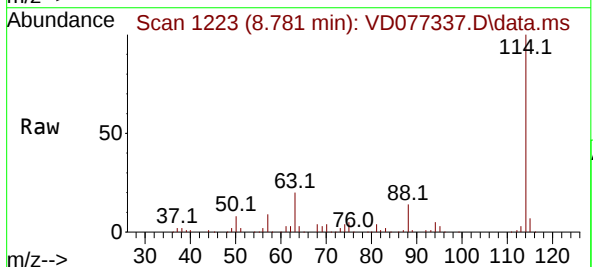
Tgt Ion: 114 Resp: 200719

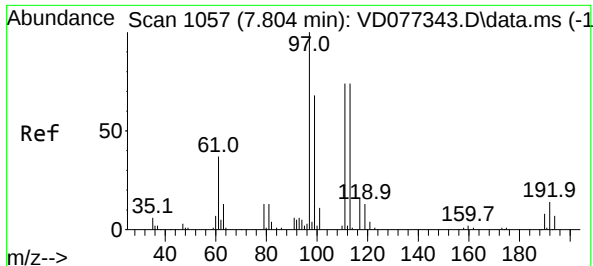
Ion Ratio Lower Upper

114 100

63 19.8 0.0 33.4

88 14.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.187 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077337.D

Acq: 17 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

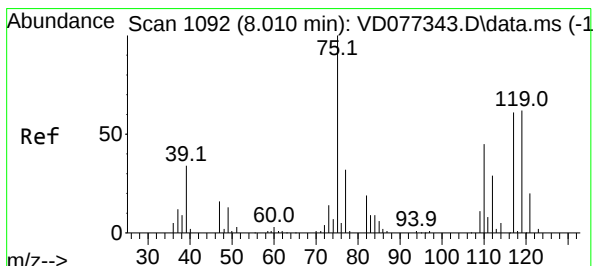
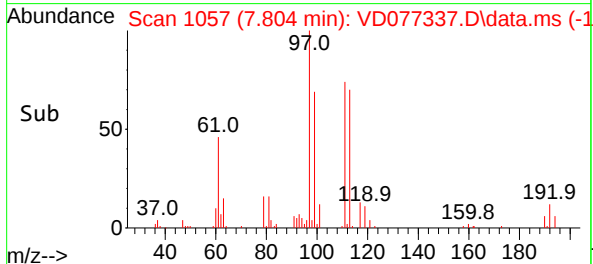
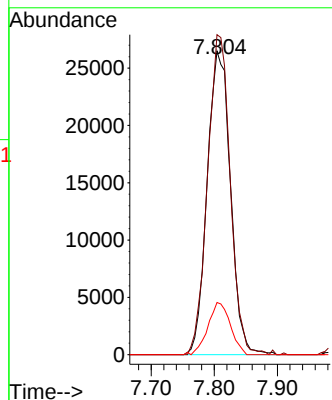
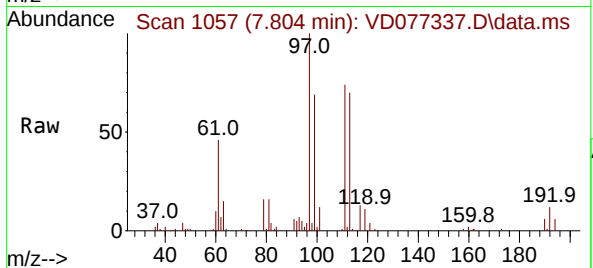
Tgt Ion:113 Resp: 67950

Ion Ratio Lower Upper

113 100

111 102.4 84.7 127.1

192 16.5 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 59.573 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD077337.D

Acq: 17 Oct 2023 13:05

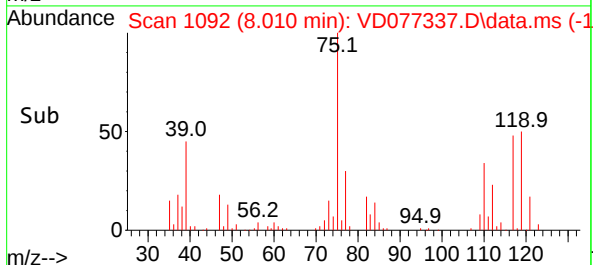
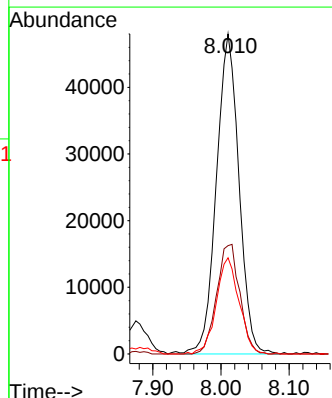
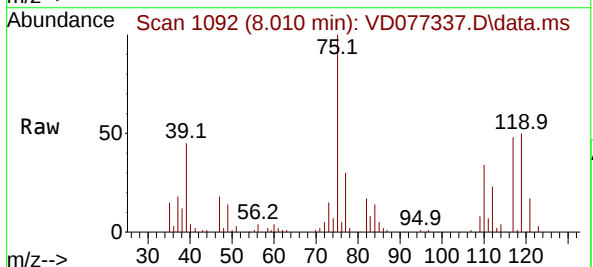
Tgt Ion: 75 Resp: 110382

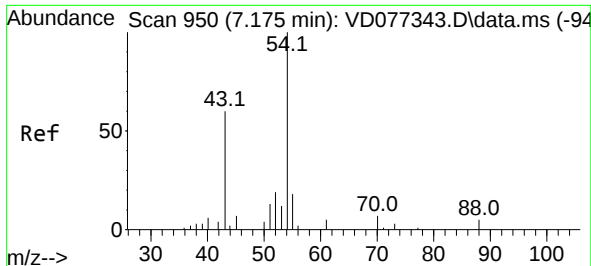
Ion Ratio Lower Upper

75 100

110 35.0 19.9 59.6

77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 74.225 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD077337.D

Acq: 17 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

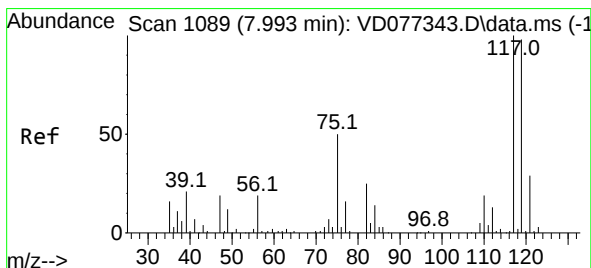
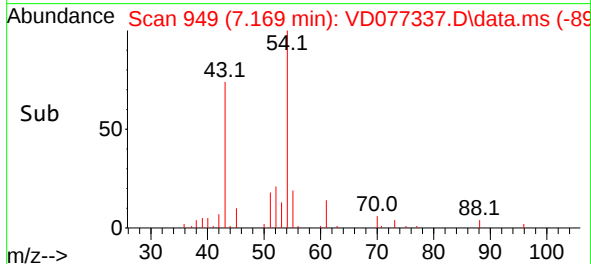
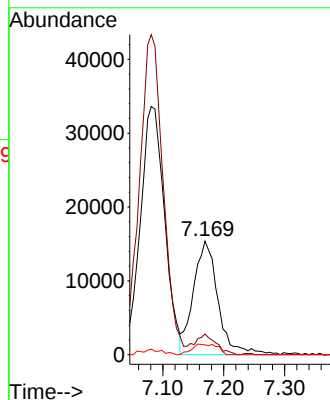
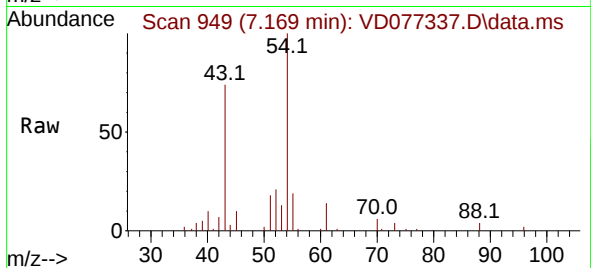
Tgt Ion: 43 Resp: 43201

Ion Ratio Lower Upper

43 100

61 15.5 14.9 22.3

70 9.6 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 51.102 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD077337.D

Acq: 17 Oct 2023 13:05

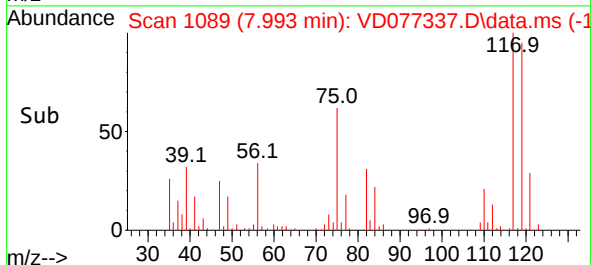
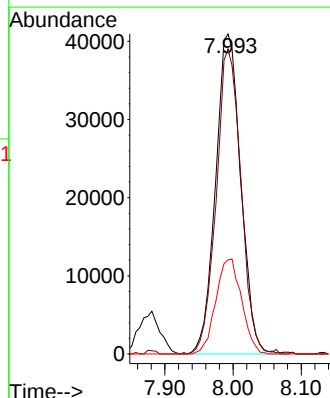
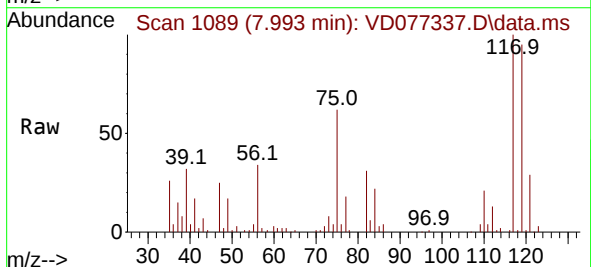
Tgt Ion: 117 Resp: 105333

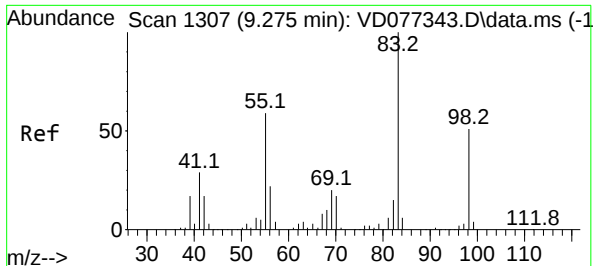
Ion Ratio Lower Upper

117 100

119 95.3 78.0 117.0

121 29.4 24.2 36.2





#39

Methylcyclohexane

Concen: 55.953 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077337.D

Acq: 17 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

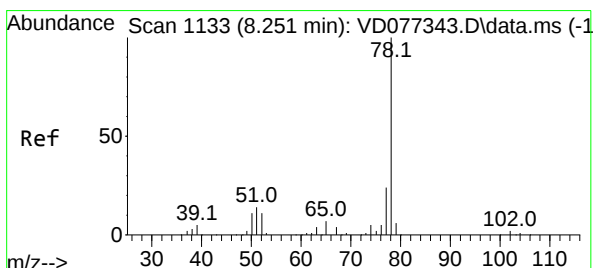
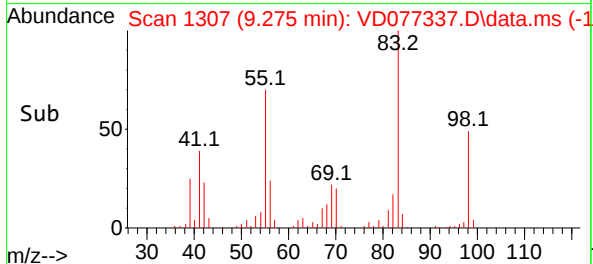
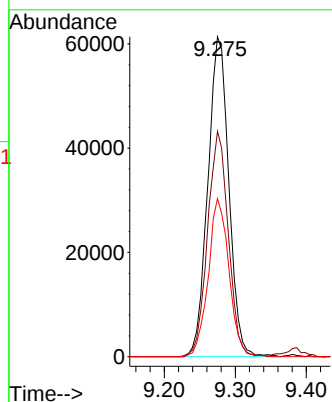
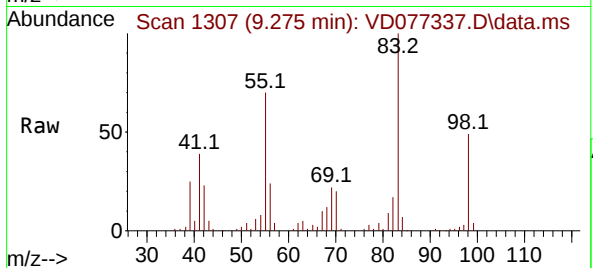
Tgt Ion: 83 Resp: 125973

Ion Ratio Lower Upper

83 100

55 70.4 49.4 74.0

98 49.4 38.4 57.6



#40

Benzene

Concen: 58.872 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077337.D

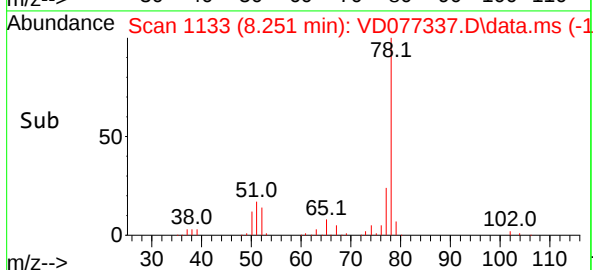
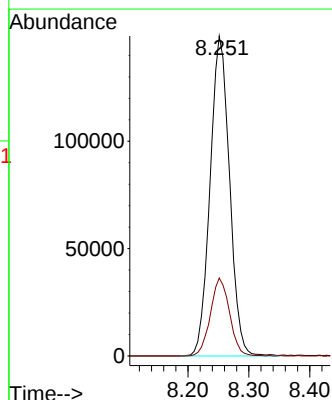
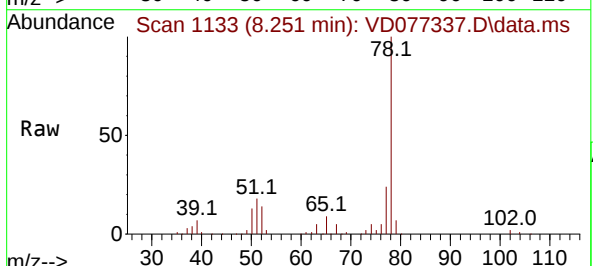
Acq: 17 Oct 2023 13:05

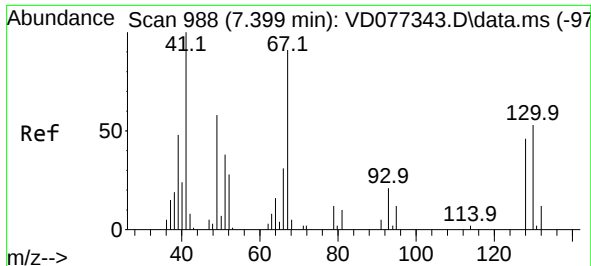
Tgt Ion: 78 Resp: 331036

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0

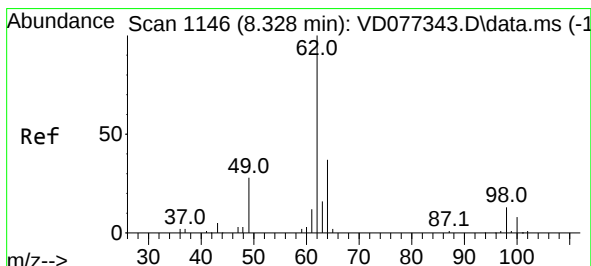
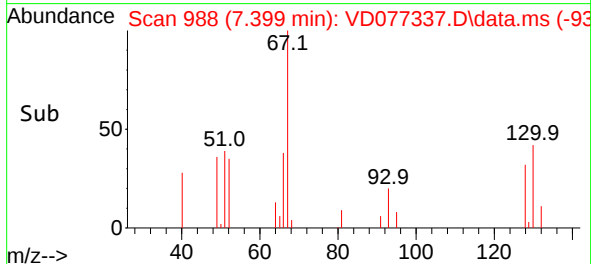
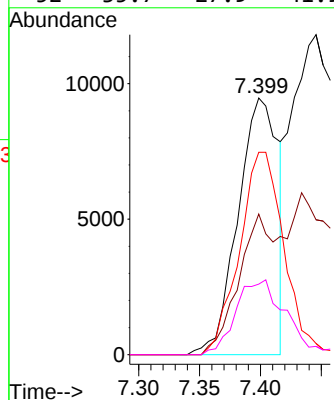
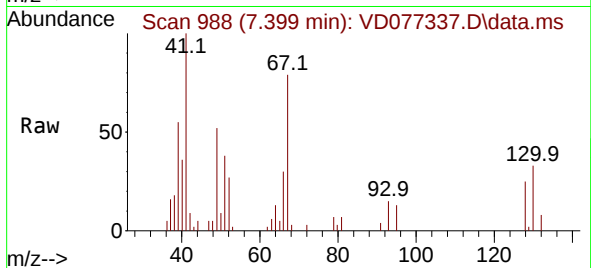




#41
Methacrylonitrile
Concen: 78.525 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

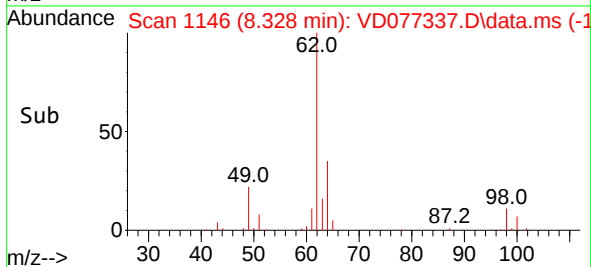
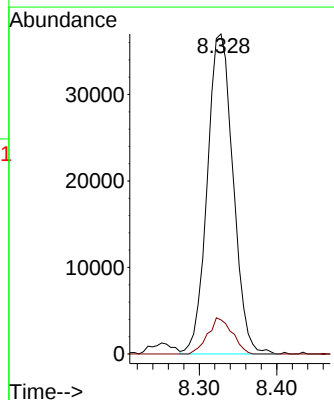
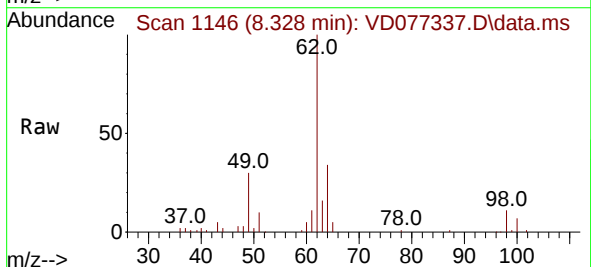
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

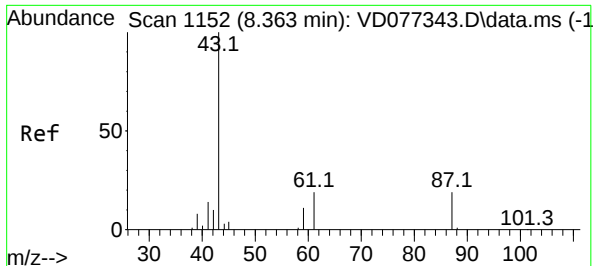
Tgt Ion:	41	Resp:	21812
Ion	Ratio	Lower	Upper
41	100		
39	45.5	34.0	51.0
67	86.6	77.0	115.4
52	35.7	27.9	41.9



#42
1,2-Dichloroethane
Concen: 64.640 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion:	62	Resp:	85613
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	25.4





#43

Isopropyl Acetate

Concen: 73.085 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD077337.D

Acq: 17 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

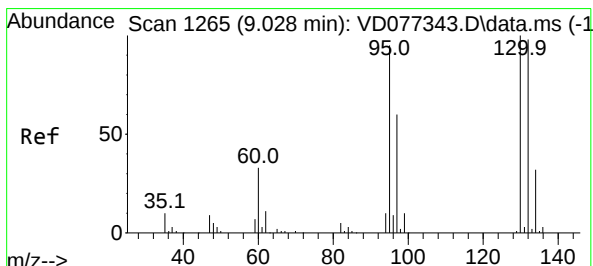
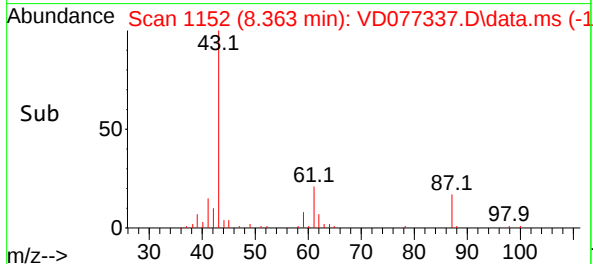
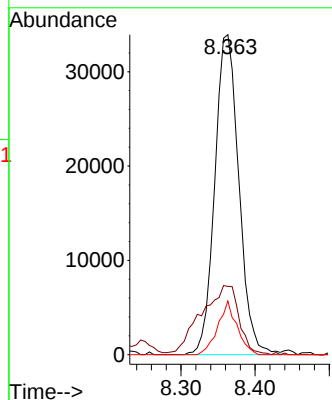
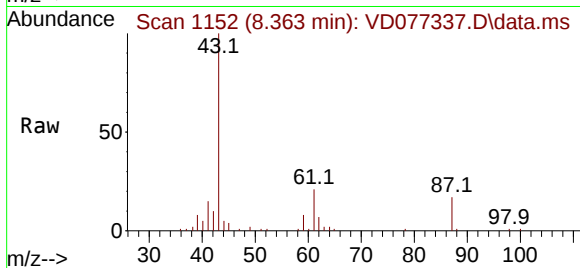
Tgt Ion: 43 Resp: 76578

Ion Ratio Lower Upper

43 100

61 33.9 31.4 47.0

87 13.4 14.9 22.3#



#44

Trichloroethene

Concen: 46.711 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD077337.D

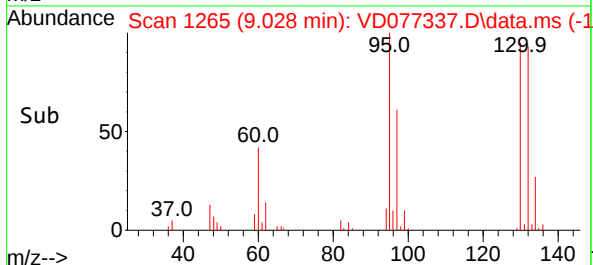
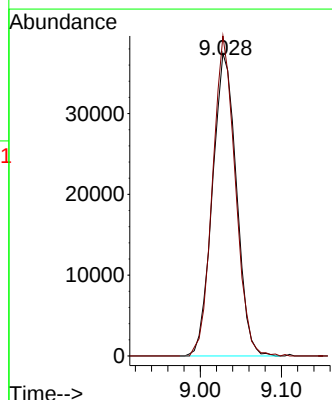
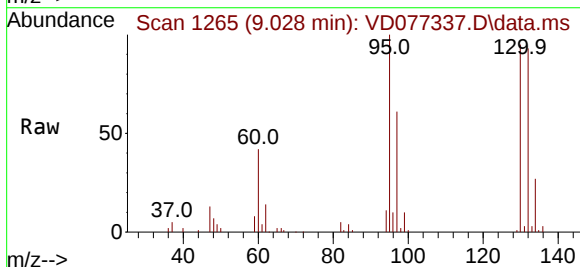
Acq: 17 Oct 2023 13:05

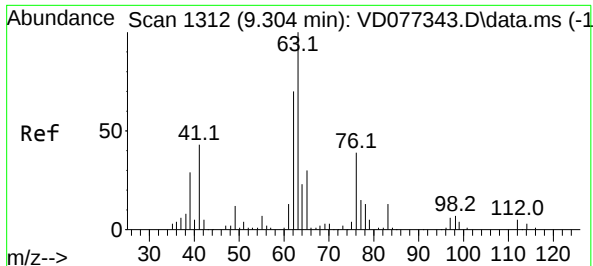
Tgt Ion:130 Resp: 76792

Ion Ratio Lower Upper

130 100

95 105.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 63.144 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077337.D

Acq: 17 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

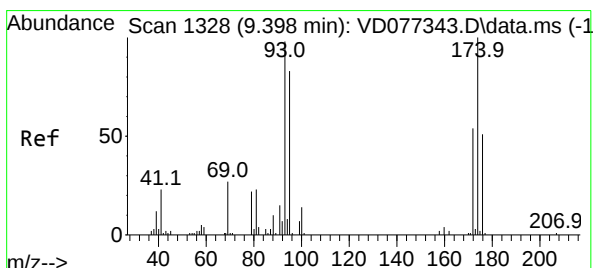
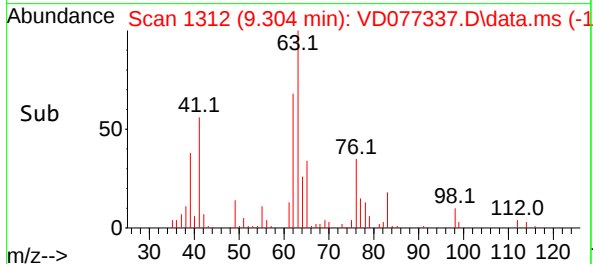
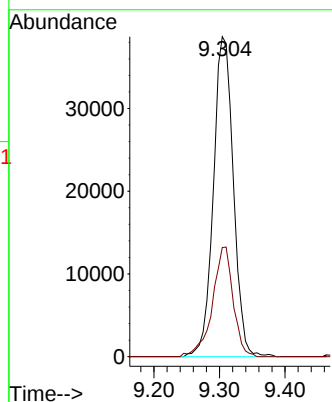
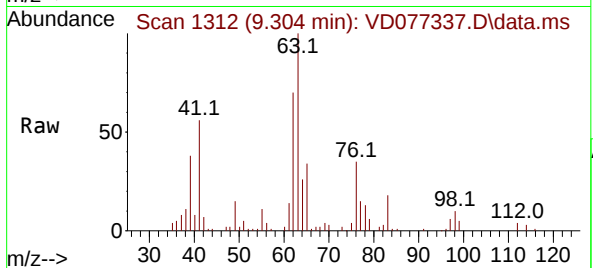
VSTDCCC050

Tgt Ion: 63 Resp: 81846

Ion Ratio Lower Upper

63 100

65 34.1 24.5 36.7



#46

Dibromomethane

Concen: 56.661 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD077337.D

Acq: 17 Oct 2023 13:05

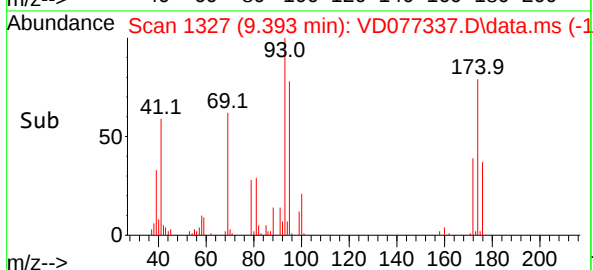
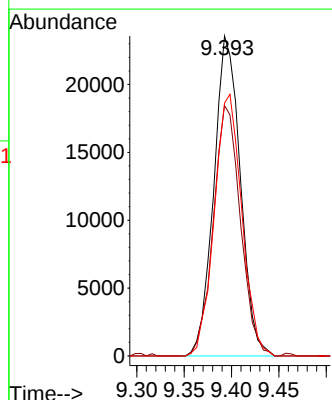
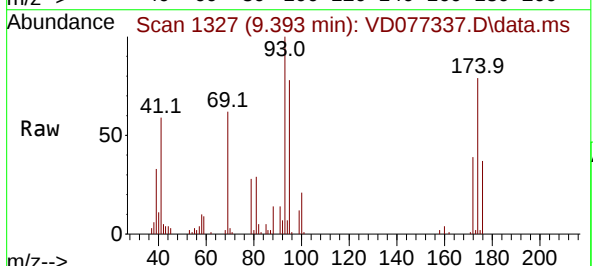
Tgt Ion: 93 Resp: 45915

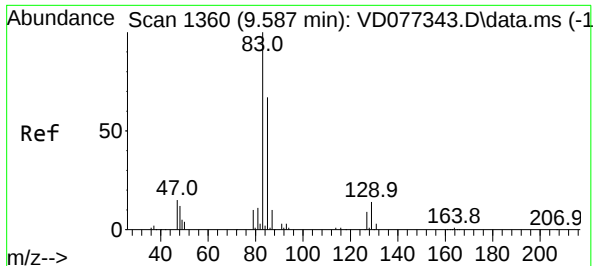
Ion Ratio Lower Upper

93 100

95 80.0 67.7 101.5

174 84.7 85.4 128.2#

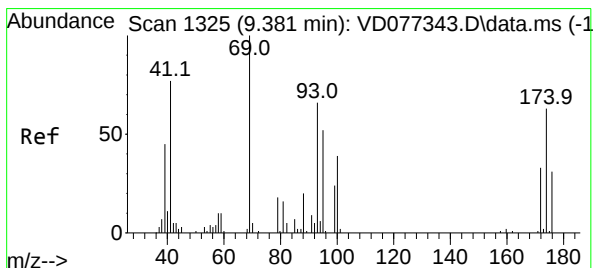
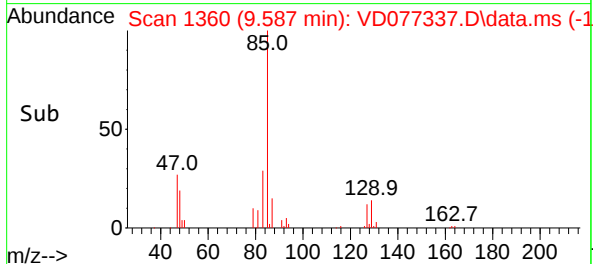
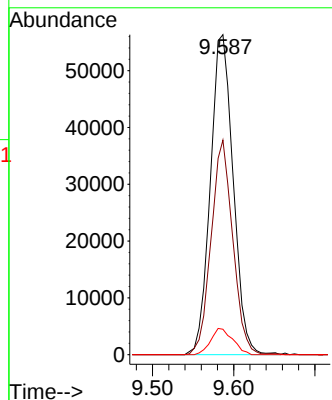
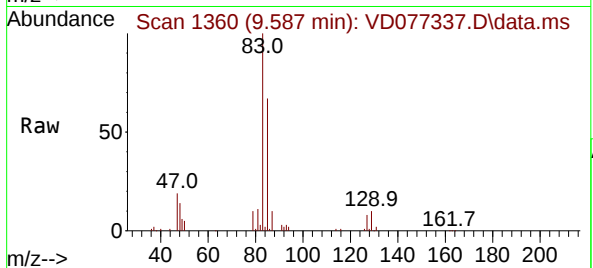




#47
Bromodichloromethane
Concen: 56.882 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

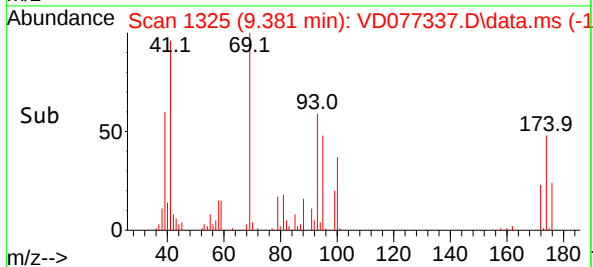
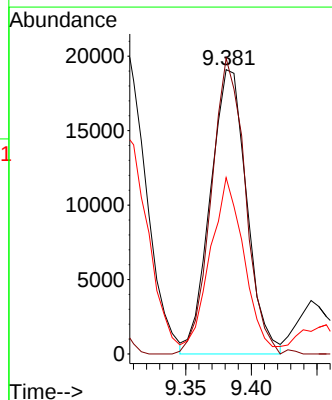
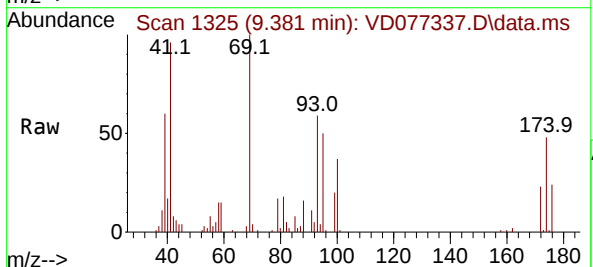
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

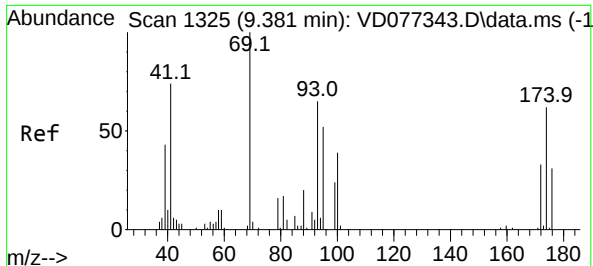
Tgt Ion: 83 Resp: 109911
Ion Ratio Lower Upper
83 100
85 67.1 50.2 75.4
127 7.9 6.3 9.5



#48
Methyl methacrylate
Concen: 77.828 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion: 41 Resp: 36891
Ion Ratio Lower Upper
41 100
69 97.5 102.2 153.2#
39 58.6 41.4 62.2





#49

1,4-Dioxane

Concen: 1021.261 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077337.D

Acq: 17 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

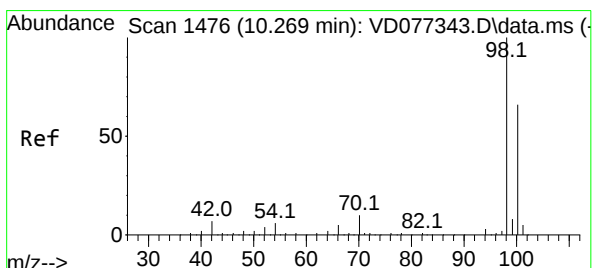
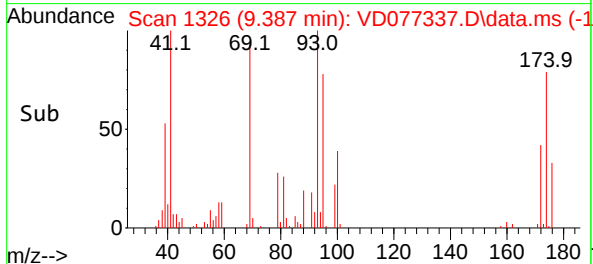
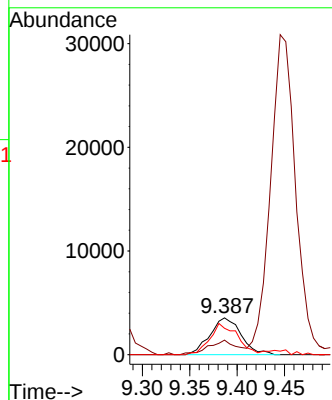
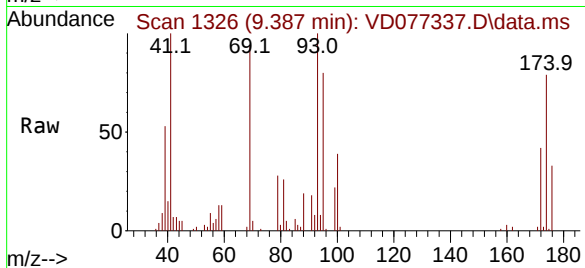
Tgt Ion: 88 Resp: 8136

Ion Ratio Lower Upper

88 100

43 36.4 19.0 28.6#

58 74.4 43.5 65.3#



#50

Toluene-d8

Concen: 53.352 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077337.D

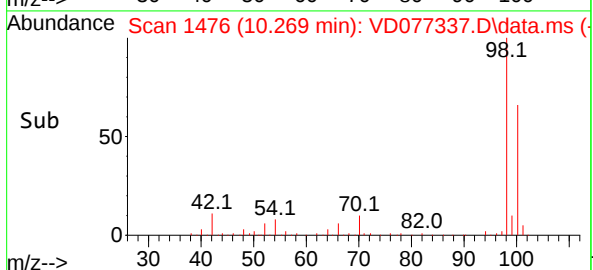
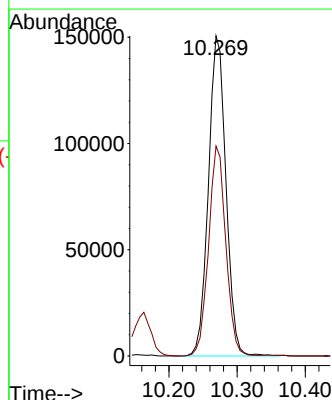
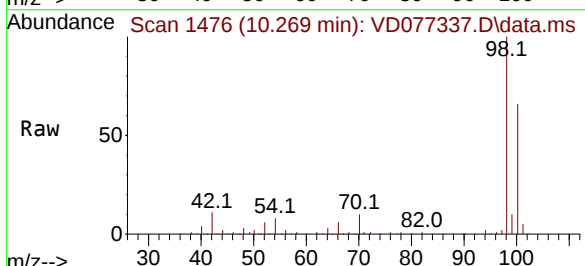
Acq: 17 Oct 2023 13:05

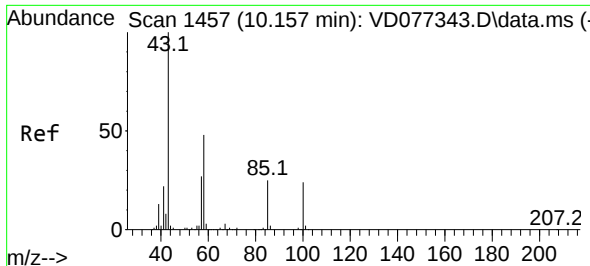
Tgt Ion: 98 Resp: 269435

Ion Ratio Lower Upper

98 100

100 64.4 50.3 75.5

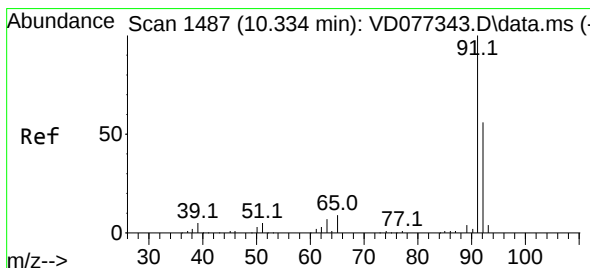
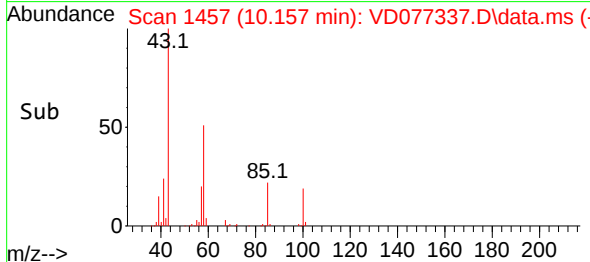
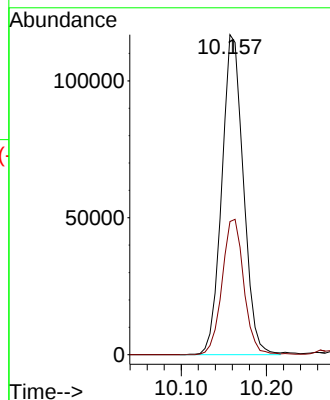
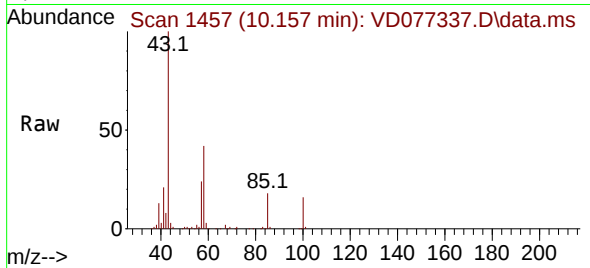




#51
4-Methyl-2-Pentanone
Concen: 391.319 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

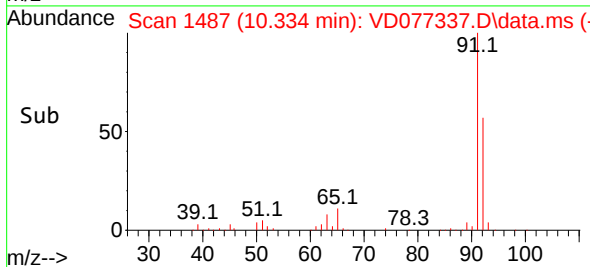
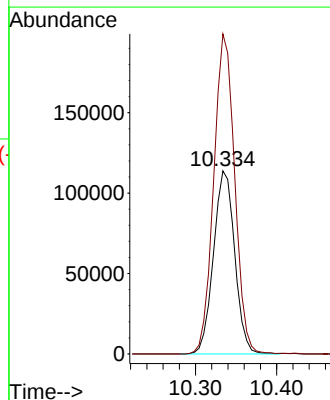
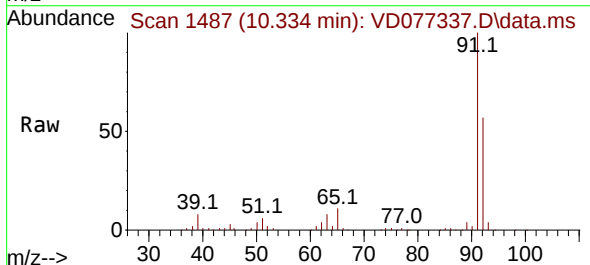
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

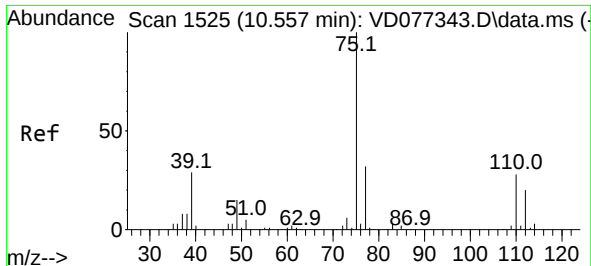
Tgt Ion: 43 Resp: 205537
Ion Ratio Lower Upper
43 100
58 42.7 38.9 58.3



#52
Toluene
Concen: 56.373 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion: 92 Resp: 206963
Ion Ratio Lower Upper
92 100
91 172.7 143.0 214.4

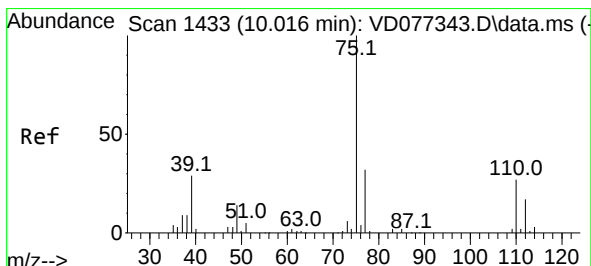
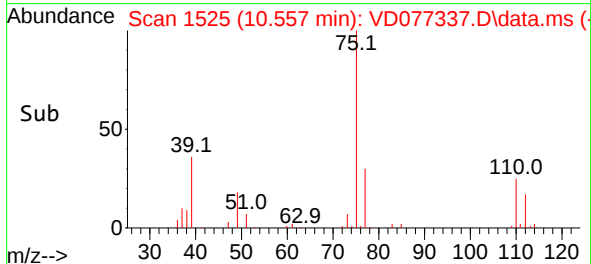
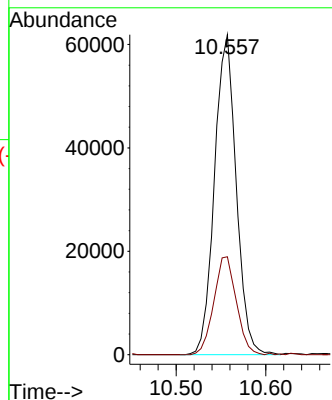
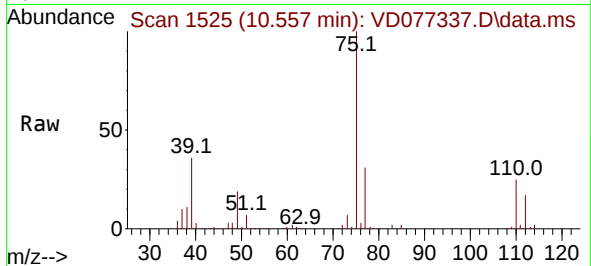




#53
t-1,3-Dichloropropene
Concen: 59.927 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

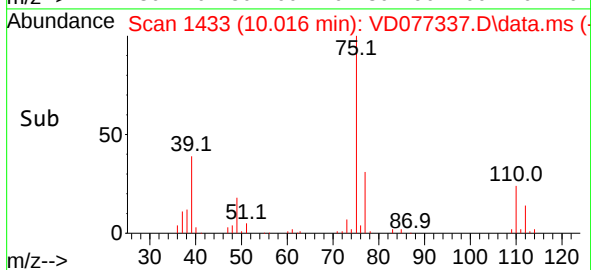
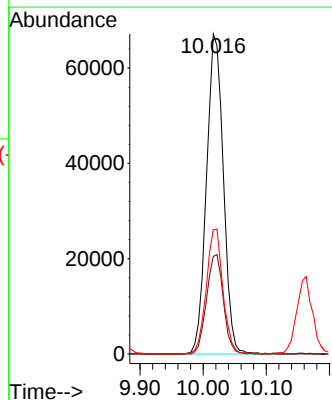
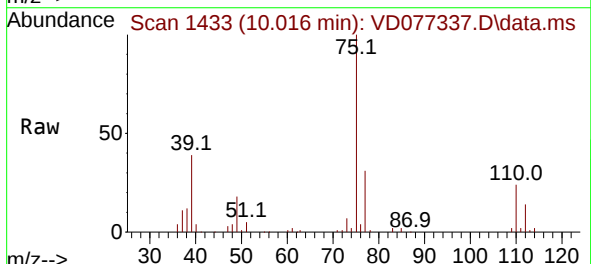
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

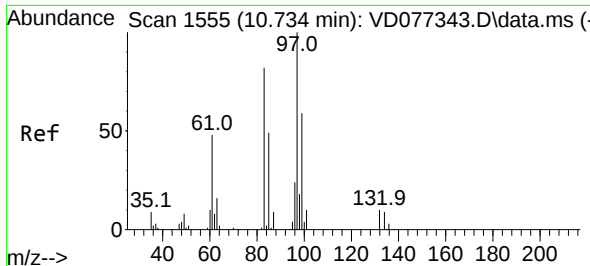
Tgt Ion: 75 Resp: 103941
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 58.686 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion: 75 Resp: 124539
Ion Ratio Lower Upper
75 100
77 30.5 25.5 38.3
39 38.9 22.1 33.1#

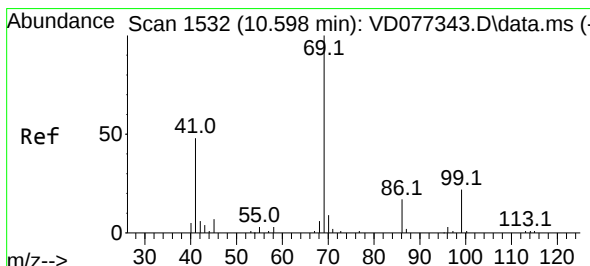
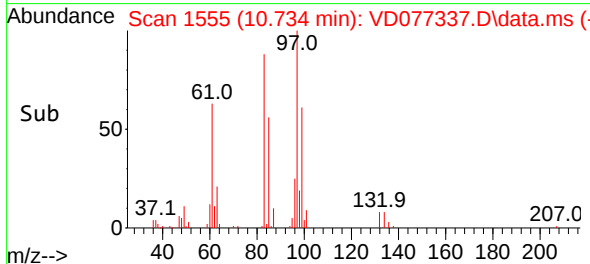
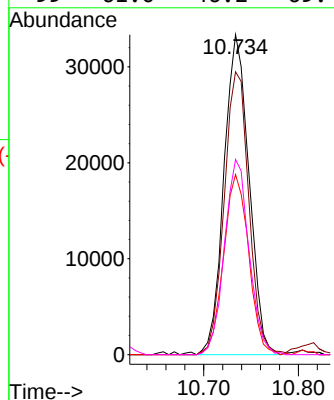
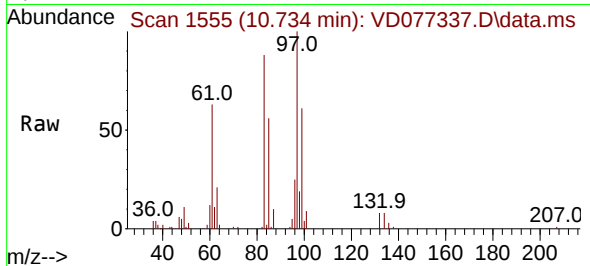




#55
1,1,2-Trichloroethane
Concen: 54.719 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

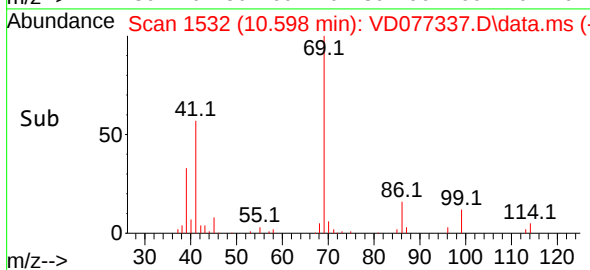
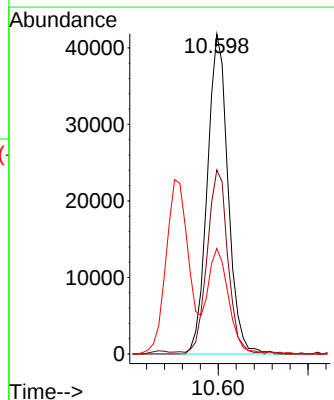
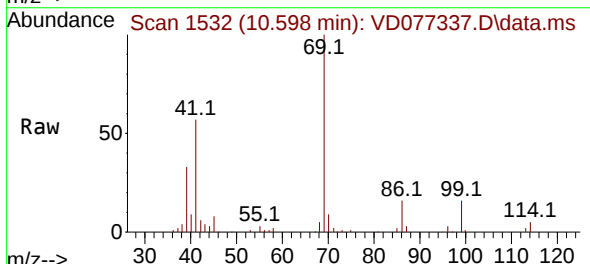
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

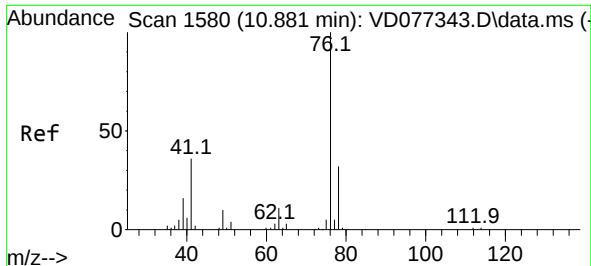
Tgt Ion: 97	Resp: 61414
Ion Ratio	Lower Upper
97 100	
83 88.4	65.8 98.6
85 56.3	45.7 68.5
99 61.0	46.2 69.4



#56
Ethyl methacrylate
Concen: 62.435 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion: 69	Resp: 66970		
Ion Ratio	Lower	Upper	
69 100			
41 56.1	39.1	58.7	
39 32.9	20.0	30.0#	





#57

1,3-Dichloropropane

Concen: 59.333 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077337.D

Acq: 17 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

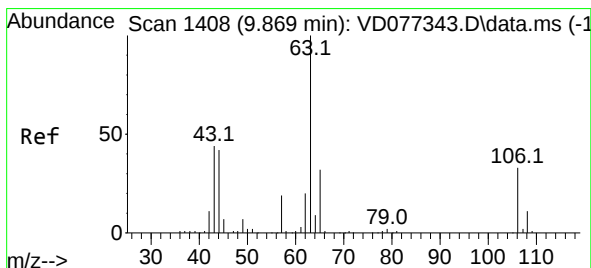
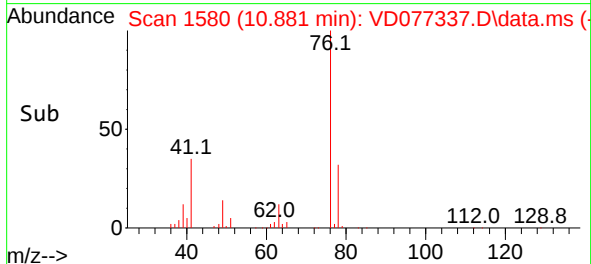
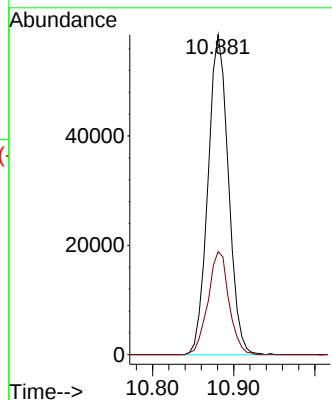
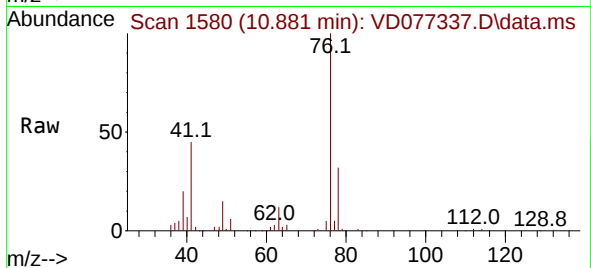
VSTDCCC050

Tgt Ion: 76 Resp: 102295

Ion Ratio Lower Upper

76 100

78 33.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 307.397 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077337.D

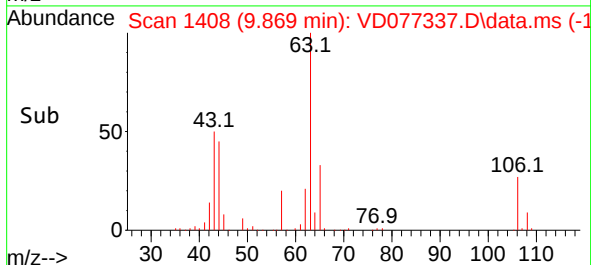
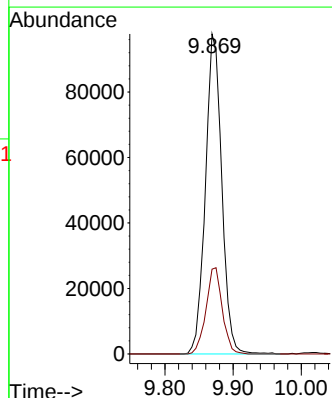
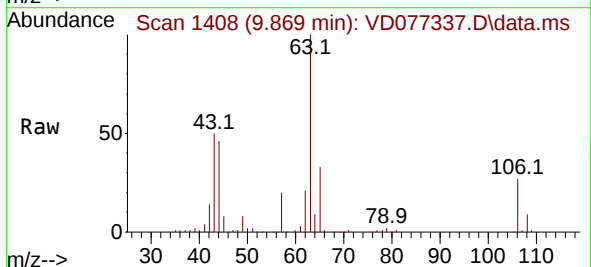
Acq: 17 Oct 2023 13:05

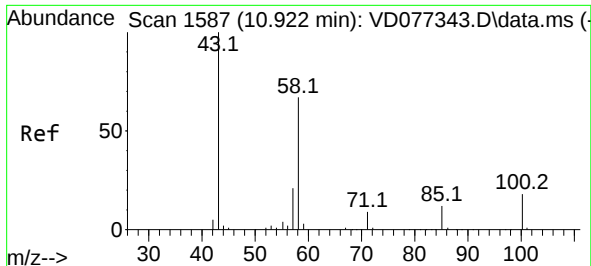
Tgt Ion: 63 Resp: 163056

Ion Ratio Lower Upper

63 100

106 26.8 25.3 37.9

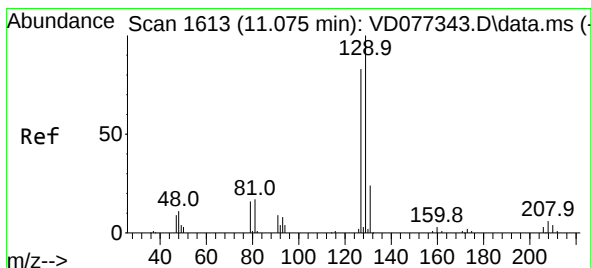
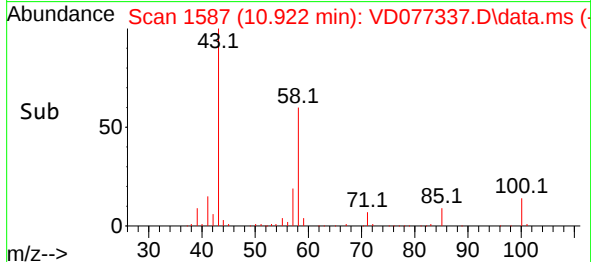
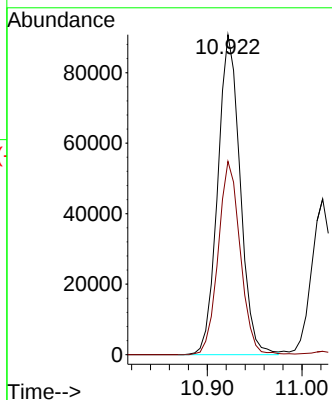
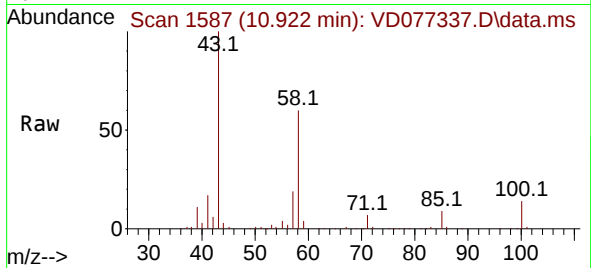




#59
2-Hexanone
Concen: 395.696 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

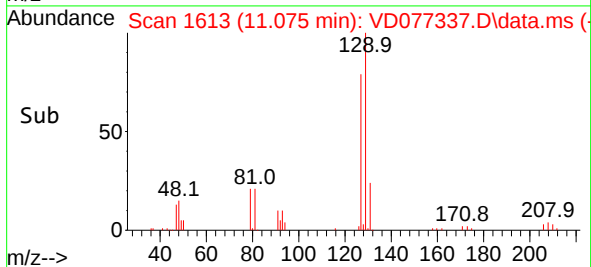
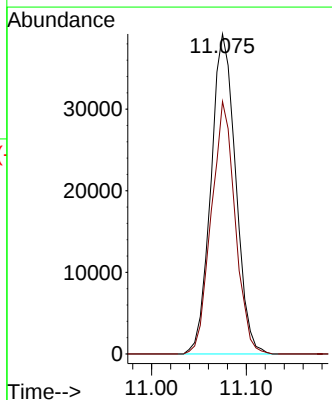
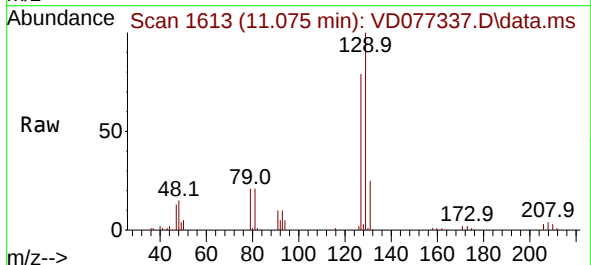
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

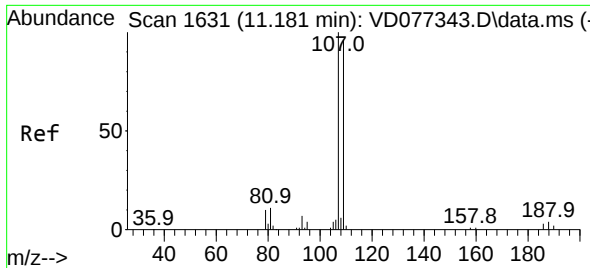
Tgt Ion: 43 Resp: 149271
Ion Ratio Lower Upper
43 100
58 59.5 34.1 102.2



#60
Dibromochloromethane
Concen: 49.571 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion: 129 Resp: 71041
Ion Ratio Lower Upper
129 100
127 76.0 37.1 111.5

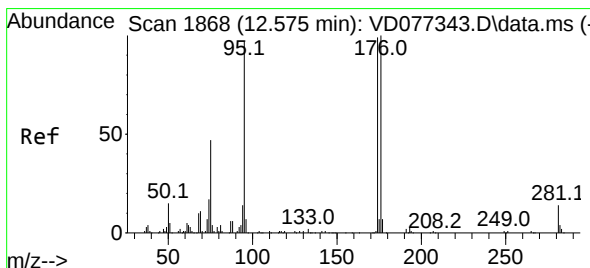
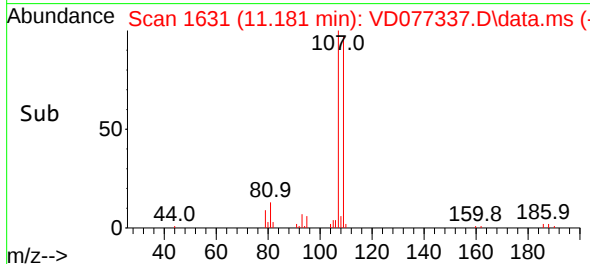
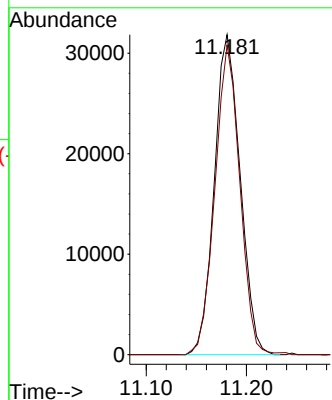
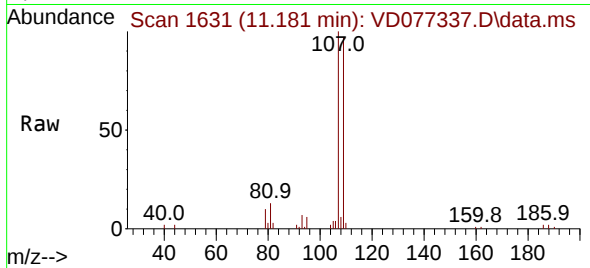




#61
1,2-Dibromoethane
Concen: 53.747 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

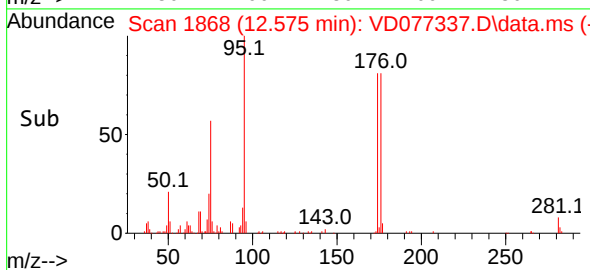
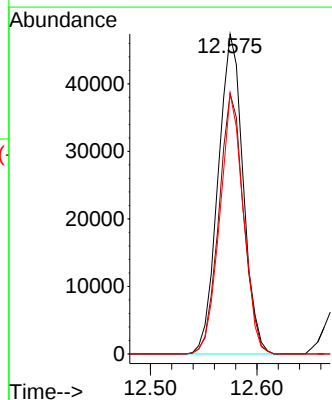
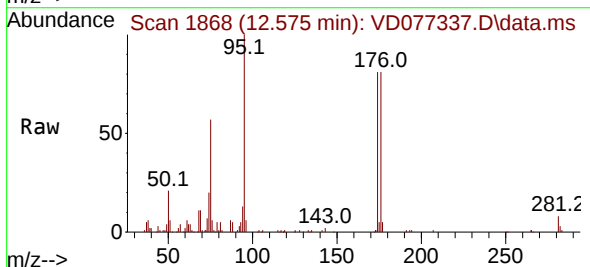
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

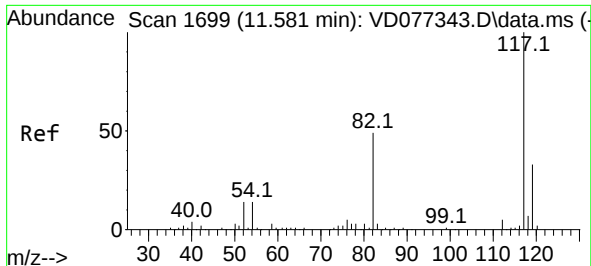
Tgt Ion:107 Resp: 56843
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.068 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion: 95 Resp: 77146
Ion Ratio Lower Upper
95 100
174 80.2 0.0 201.8
176 76.5 0.0 191.8

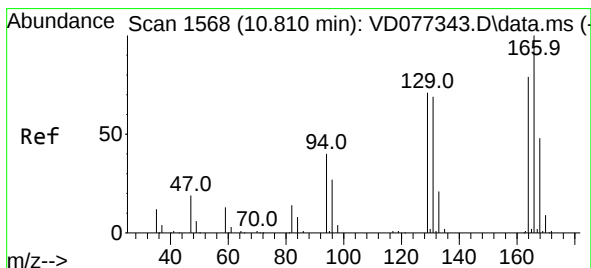
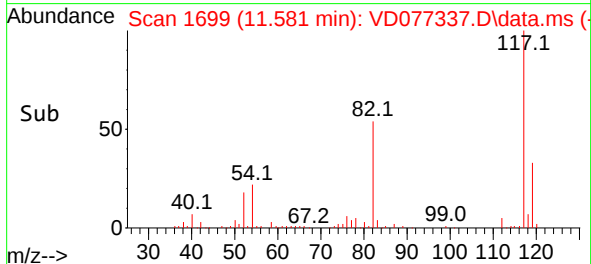
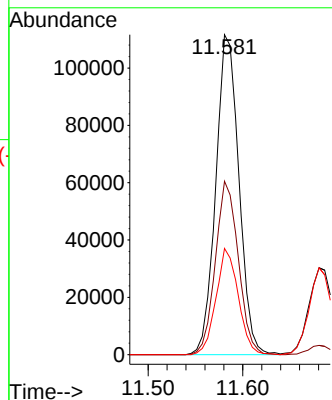
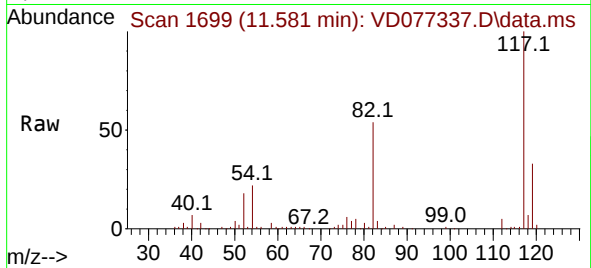




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

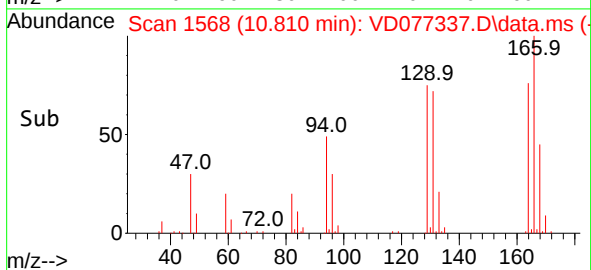
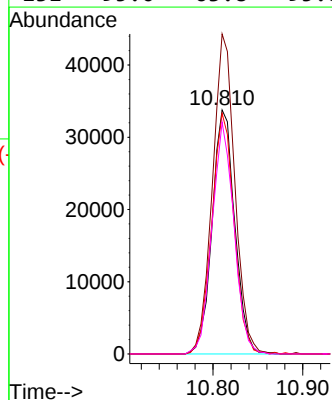
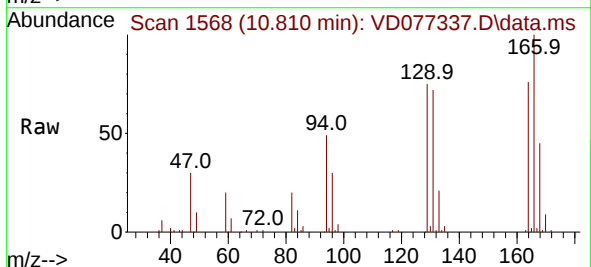
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

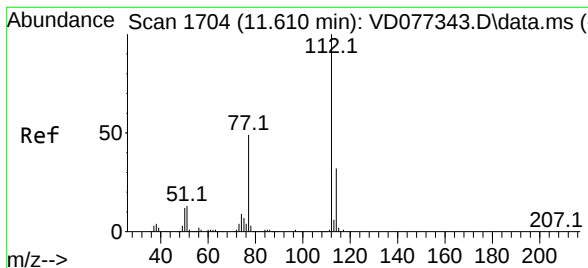
Tgt Ion:117 Resp: 189817
Ion Ratio Lower Upper
117 100
82 54.2 38.3 57.5
119 33.2 25.0 37.4



#64
Tetrachloroethene
Concen: 41.814 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion:164 Resp: 58993
Ion Ratio Lower Upper
164 100
166 131.2 99.2 148.8
129 98.6 68.4 102.6
131 95.0 63.8 95.8

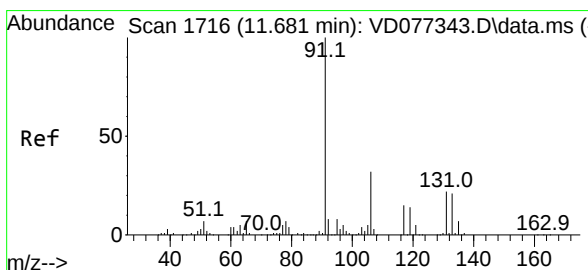
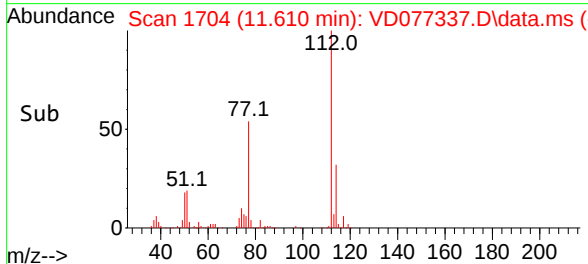
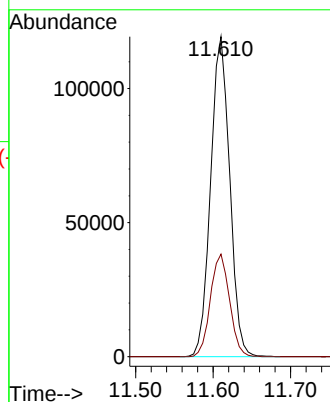
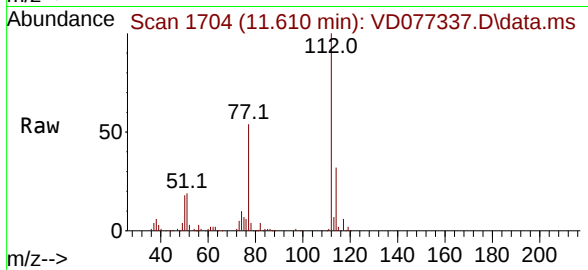




#65
Chlorobenzene
Concen: 49.279 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

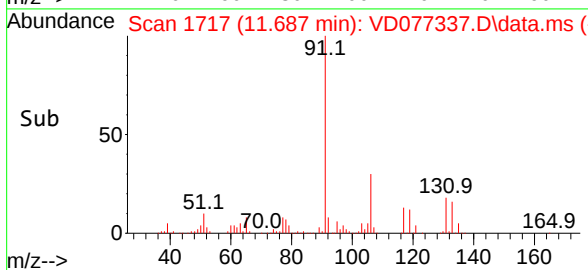
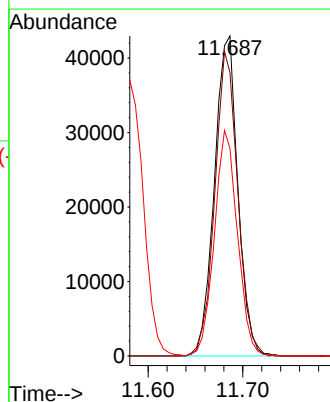
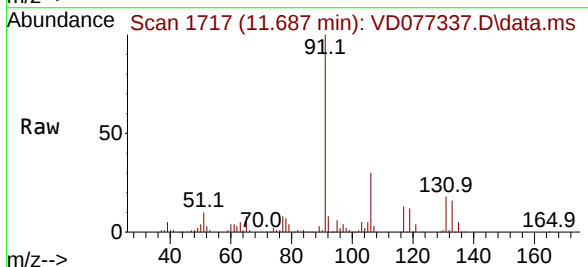
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

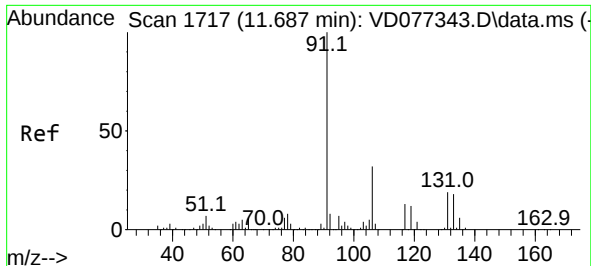
Tgt Ion:112 Resp: 203890
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 46.898 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion:131 Resp: 73760
Ion Ratio Lower Upper
131 100
133 93.8 48.5 145.5
119 69.6 35.6 106.9





#67

Ethyl Benzene

Concen: 55.207 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD077337.D

Acq: 17 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

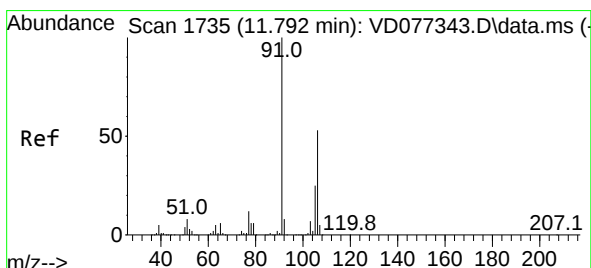
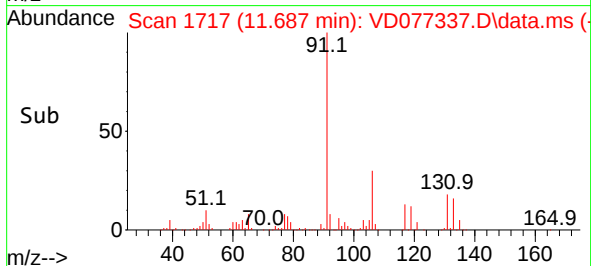
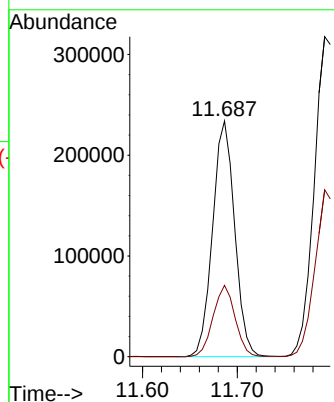
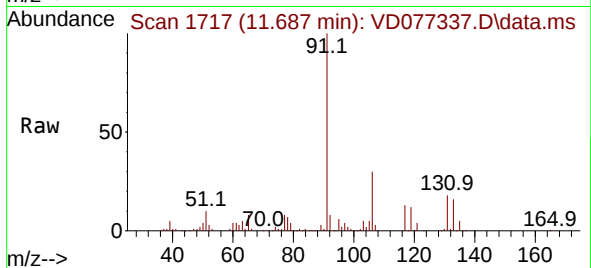
VSTDCCC050

Tgt Ion: 91 Resp: 378644

Ion Ratio Lower Upper

91 100

106 30.3 26.5 39.7



#68

m/p-Xylenes

Concen: 105.794 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077337.D

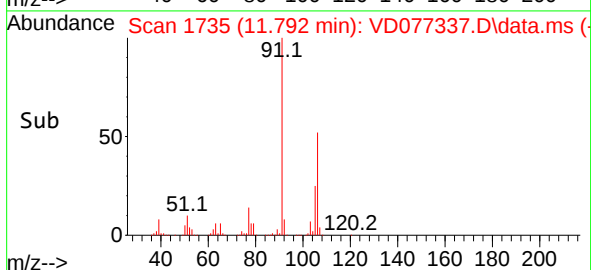
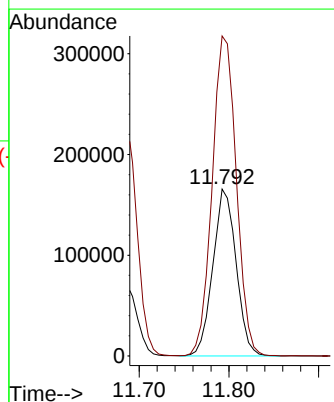
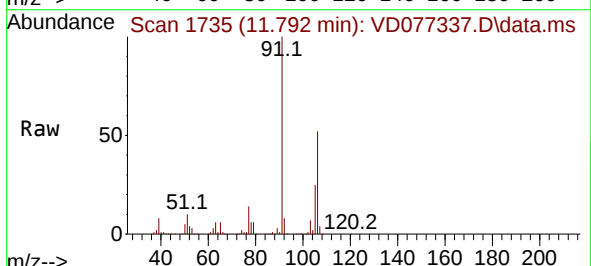
Acq: 17 Oct 2023 13:05

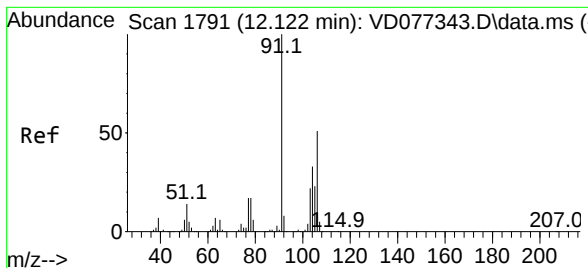
Tgt Ion: 106 Resp: 297959

Ion Ratio Lower Upper

106 100

91 199.1 147.0 220.6

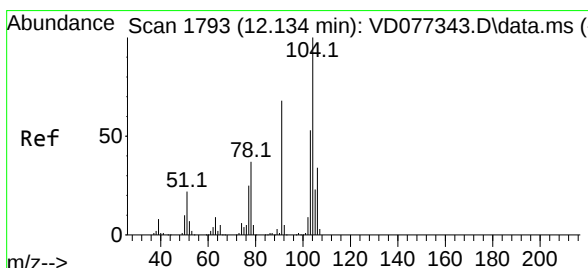
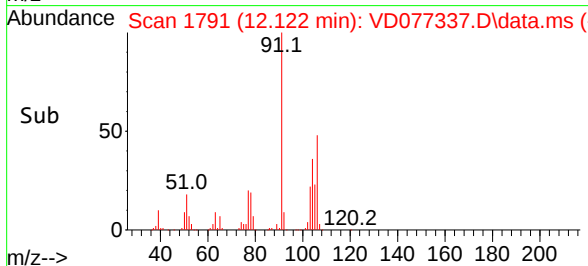
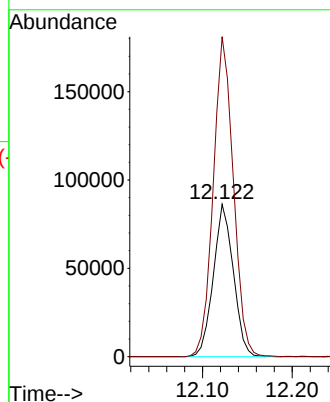
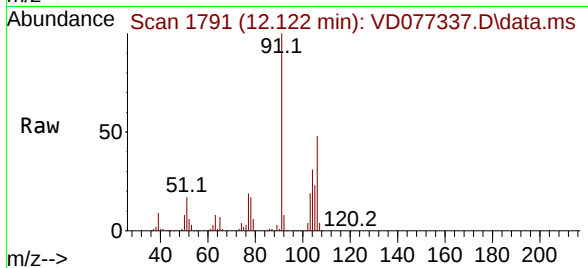




#69
o-Xylene
Concen: 51.510 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

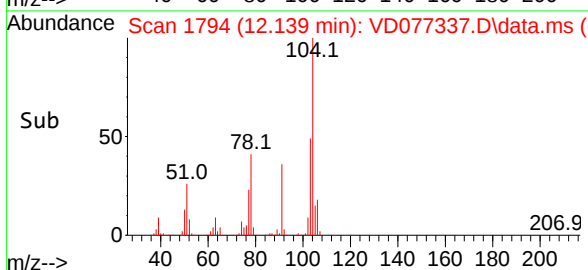
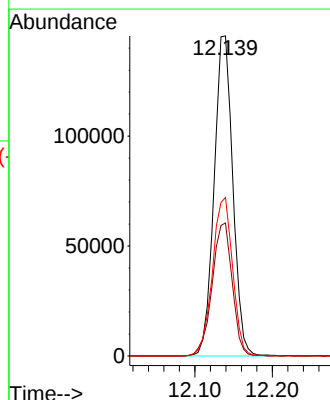
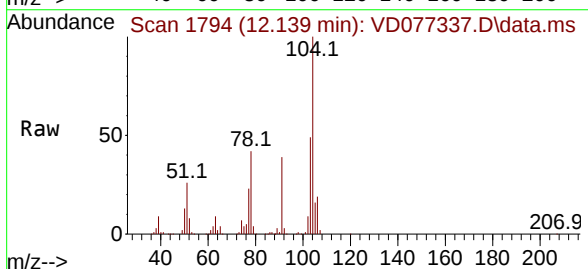
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

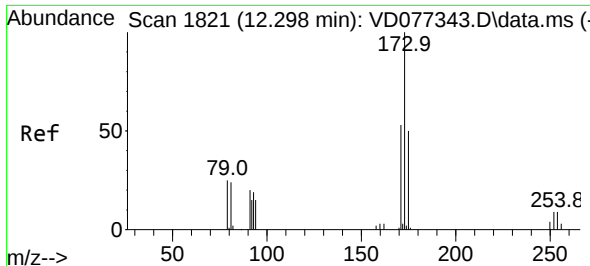
Tgt Ion:106 Resp: 133548
Ion Ratio Lower Upper
106 100
91 211.3 97.9 293.6



#70
Styrene
Concen: 55.268 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion:104 Resp: 244477
Ion Ratio Lower Upper
104 100
78 44.6 33.2 49.8
103 53.2 43.6 65.4

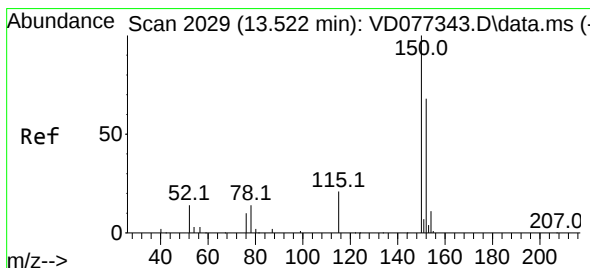
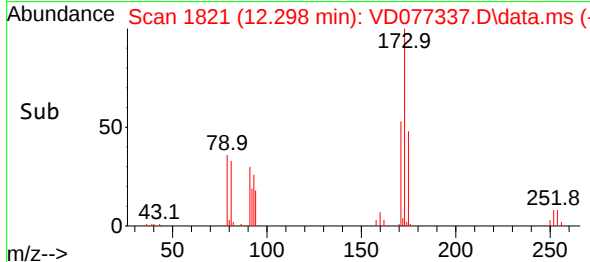
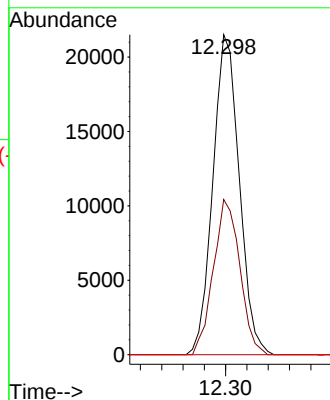
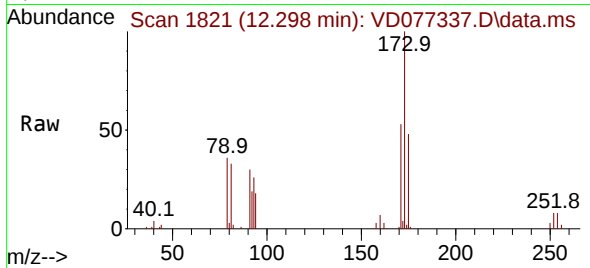




#71
Bromoform
Concen: 42.819 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

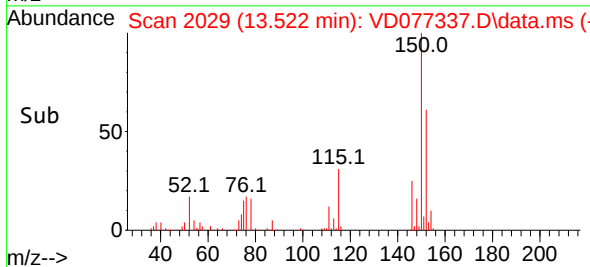
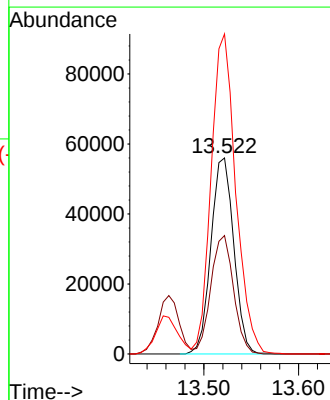
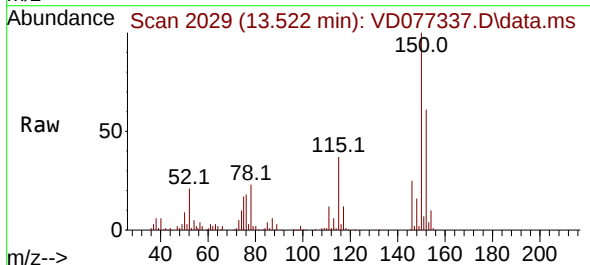
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

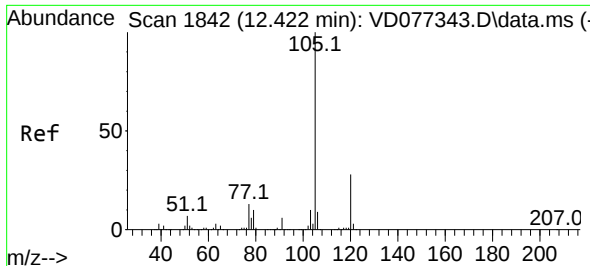
Tgt Ion:173 Resp: 36917
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion:152 Resp: 93713
Ion Ratio Lower Upper
152 100
115 60.2 27.1 81.3
150 176.0 0.0 353.6

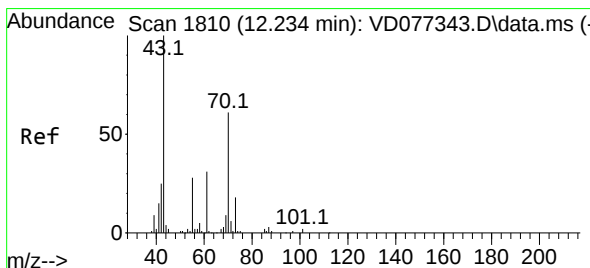
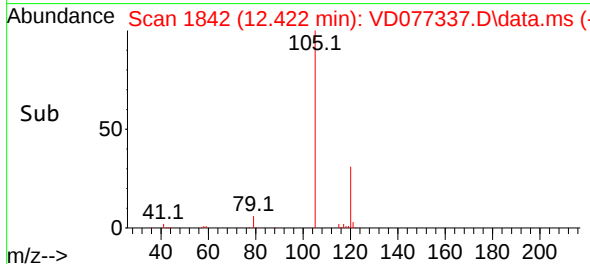
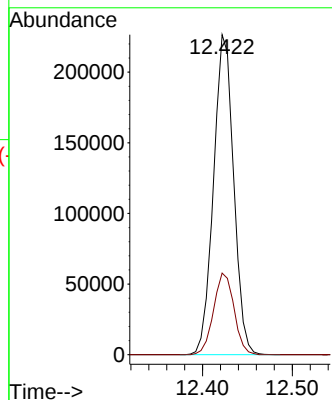
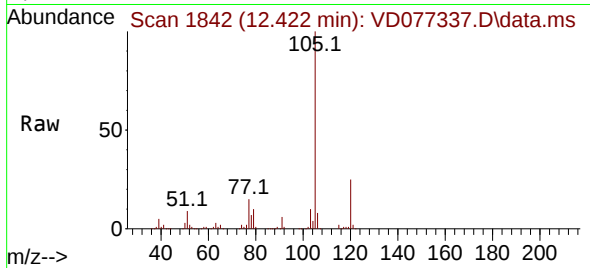




#73
Isopropylbenzene
Concen: 56.927 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

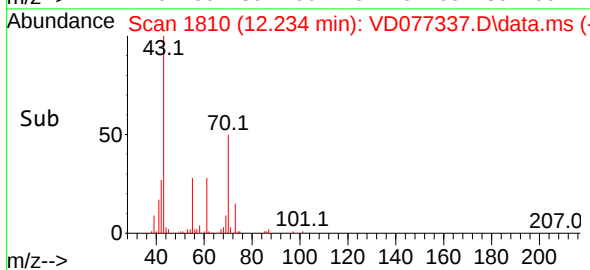
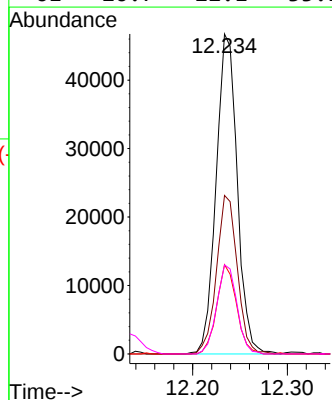
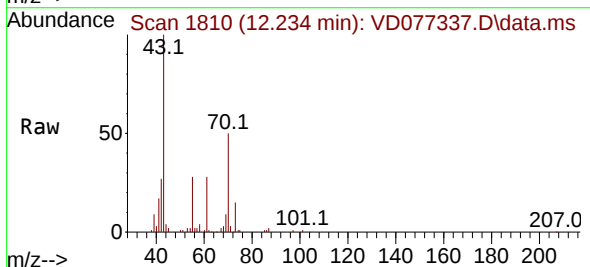
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

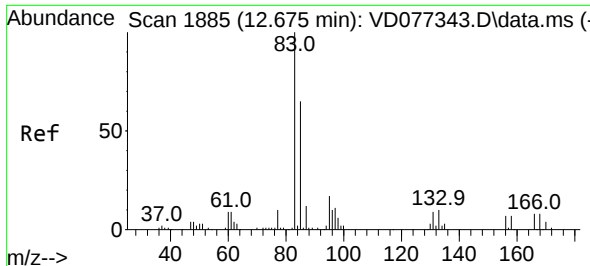
Tgt Ion:105 Resp: 352867
Ion Ratio Lower Upper
105 100
120 25.9 14.3 42.9



#74
N-ethyl acetate
Concen: 81.187 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion: 43 Resp: 72396
Ion Ratio Lower Upper
43 100
70 48.8 45.0 67.4
55 26.2 23.8 35.6
61 26.7 22.1 33.1

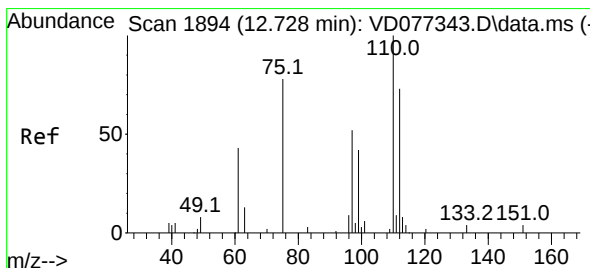
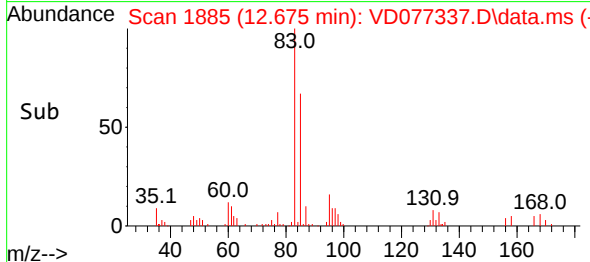
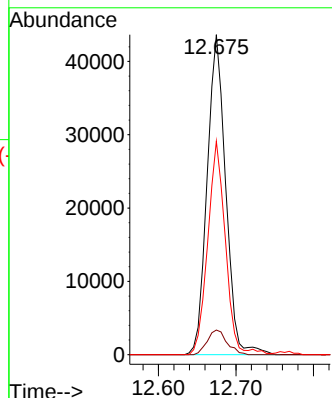
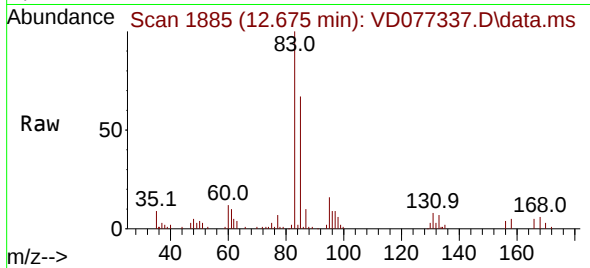




#75
1,1,2,2-Tetrachloroethane
Concen: 64.480 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

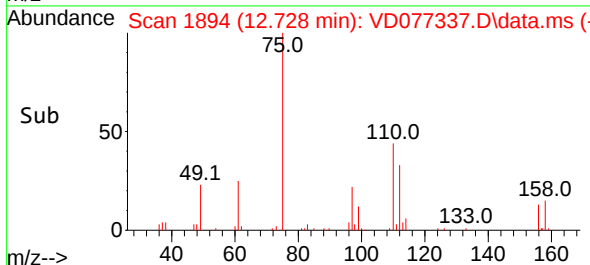
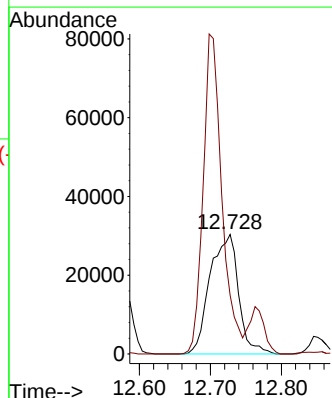
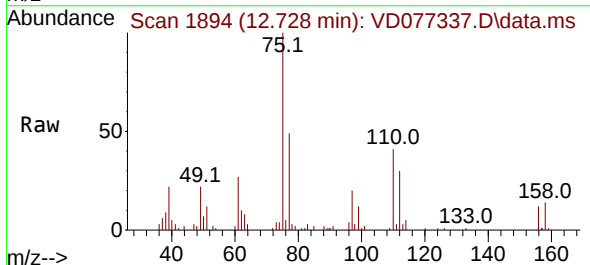
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

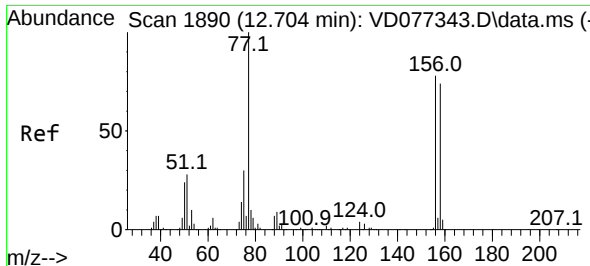
Tgt Ion: 83 Resp: 72630
Ion Ratio Lower Upper
83 100
131 8.2 5.1 15.3
85 63.5 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 65.522 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion: 75 Resp: 84503
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

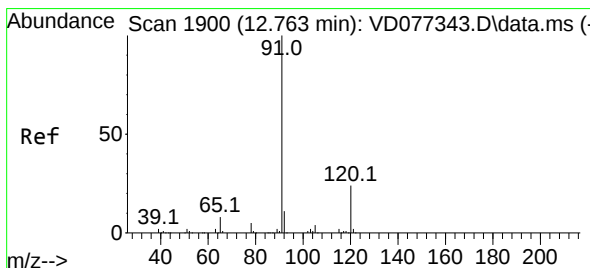
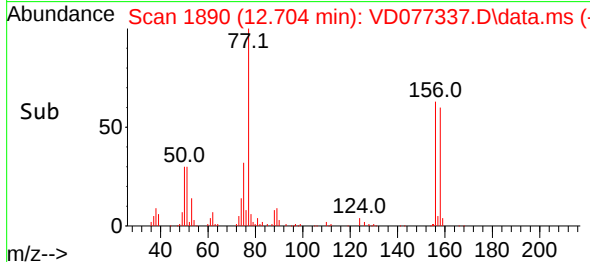
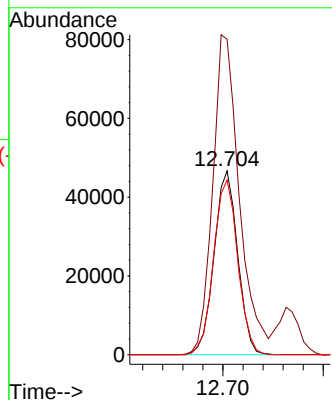
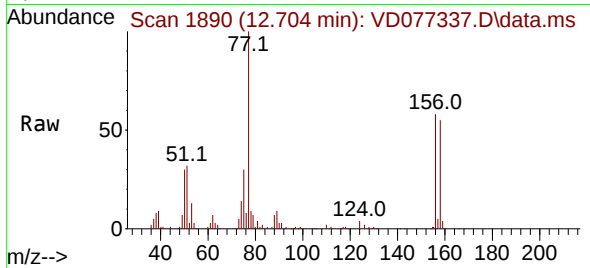




#77
Bromobenzene
Concen: 46.768 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

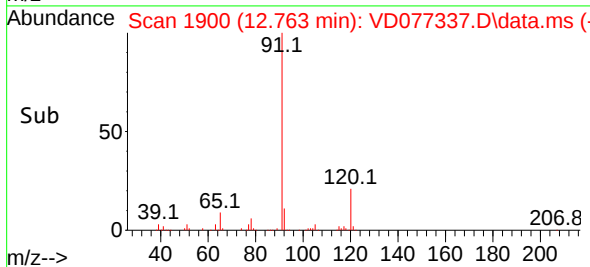
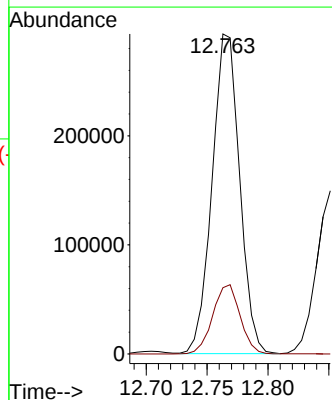
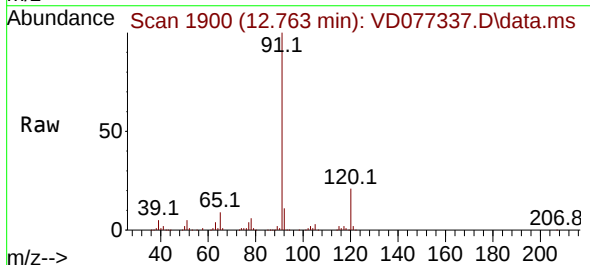
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

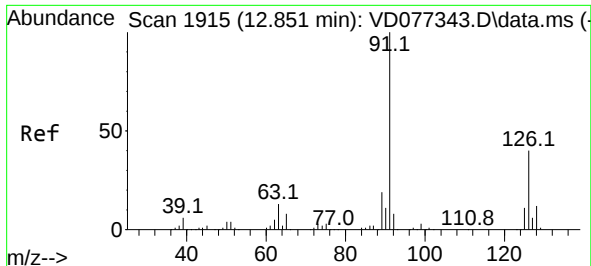
Tgt Ion:156 Resp: 76107
Ion Ratio Lower Upper
156 100
77 196.5 76.8 230.4
158 97.7 48.6 145.9



#78
n-propylbenzene
Concen: 61.635 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion: 91 Resp: 460113
Ion Ratio Lower Upper
91 100
120 21.6 12.4 37.2

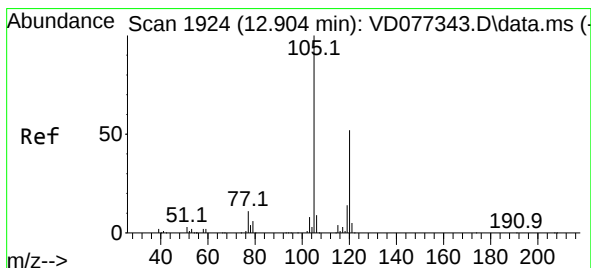
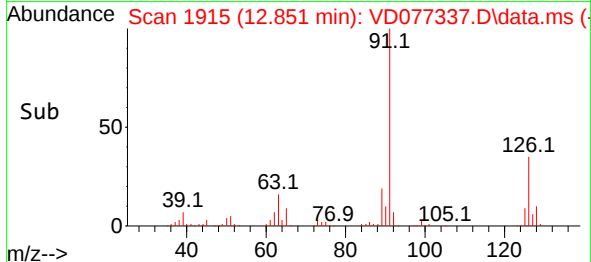
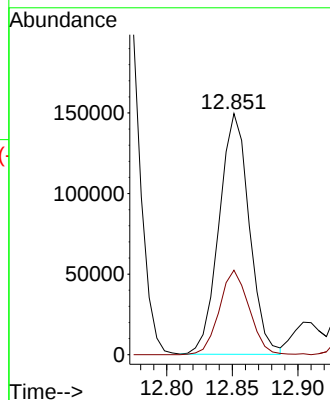
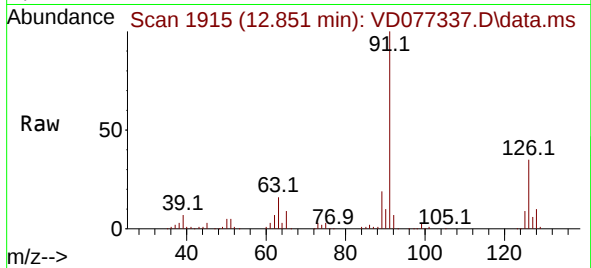




#79
2-Chlorotoluene
Concen: 58.979 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

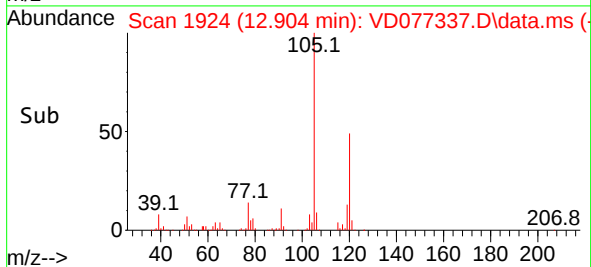
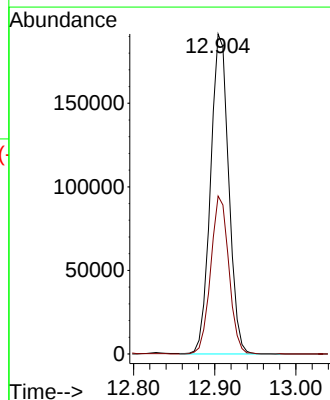
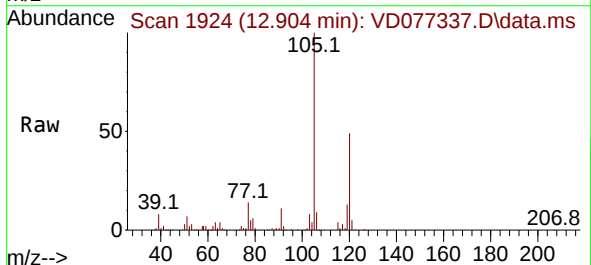
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

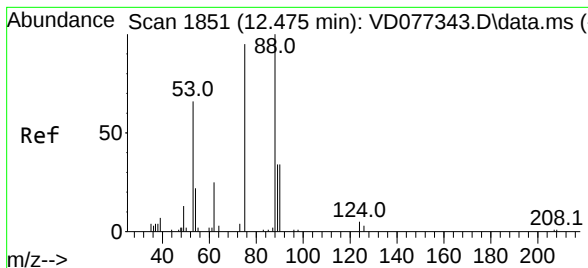
Tgt Ion: 91 Resp: 239815
Ion Ratio Lower Upper
91 100
126 34.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 58.081 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion: 105 Resp: 297093
Ion Ratio Lower Upper
105 100
120 49.2 26.4 79.2

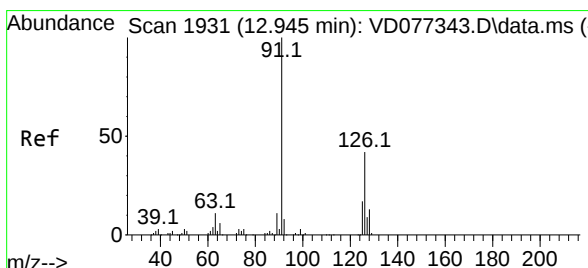
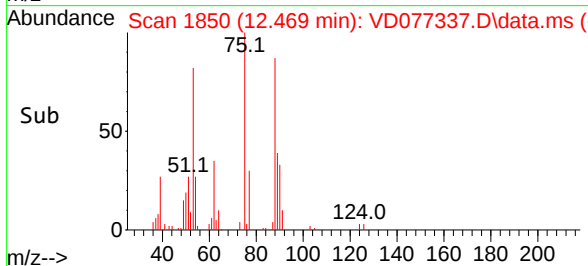
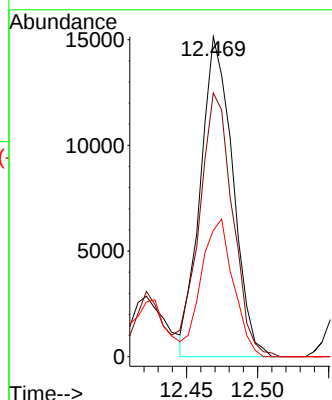
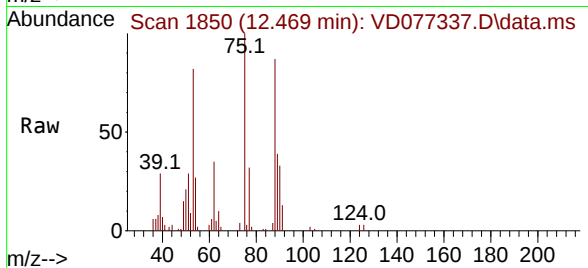




#81
trans-1,4-Dichloro-2-butene
Concen: 68.446 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

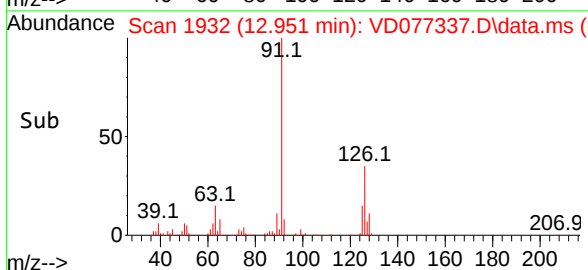
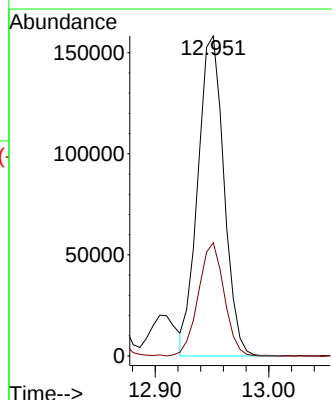
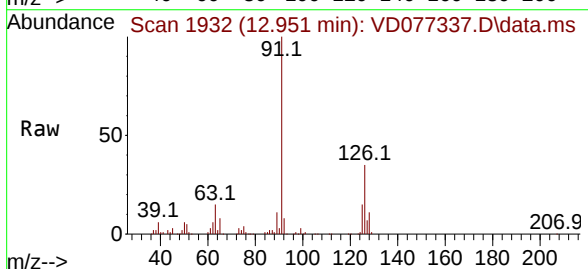
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

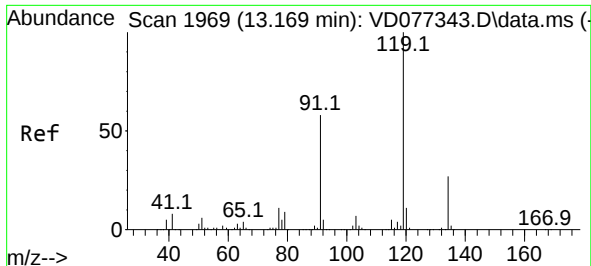
Tgt Ion: 75 Resp: 23938
Ion Ratio Lower Upper
75 100
53 85.8 63.0 94.4
89 42.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 59.783 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion: 91 Resp: 253076
Ion Ratio Lower Upper
91 100
126 34.9 19.4 58.4

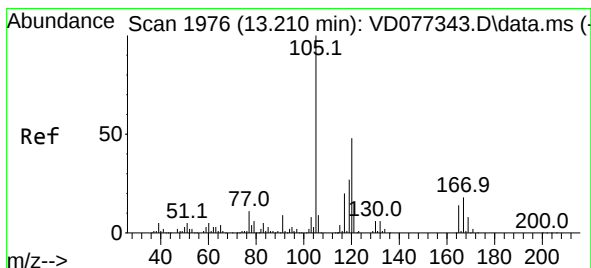
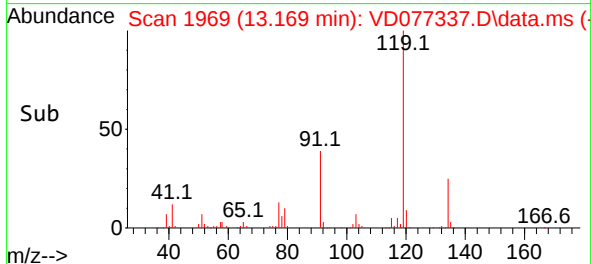
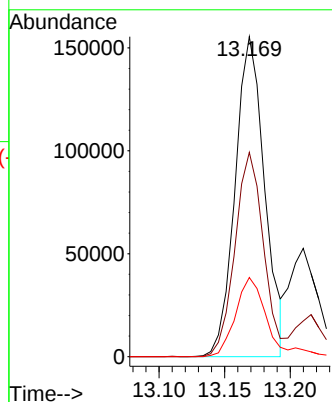
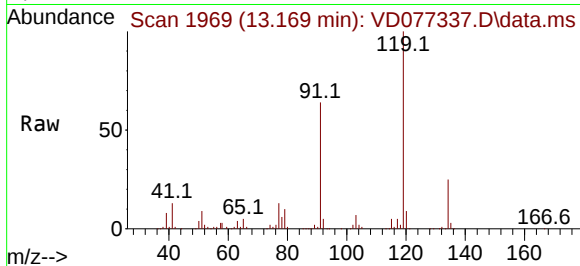




#83
tert-Butylbenzene
Concen: 53.621 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

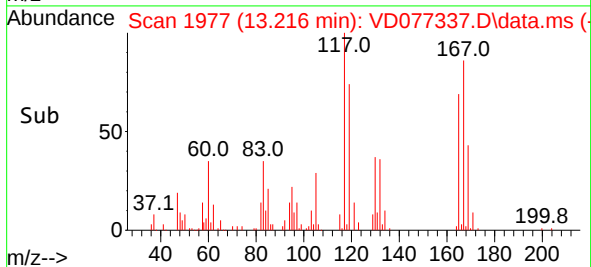
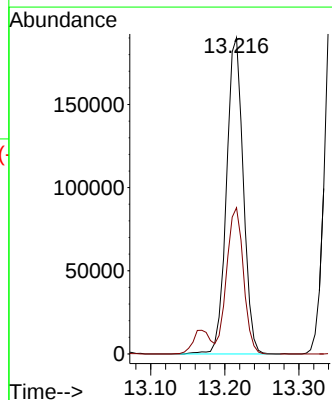
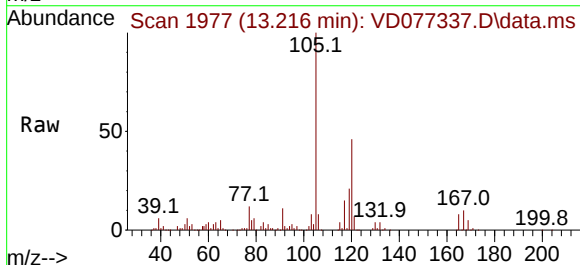
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

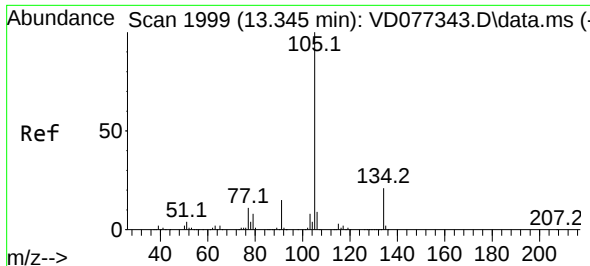
Tgt Ion:119 Resp: 243175
Ion Ratio Lower Upper
119 100
91 62.8 29.3 87.8
134 26.5 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 57.927 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion:105 Resp: 298327
Ion Ratio Lower Upper
105 100
120 46.4 24.3 72.9

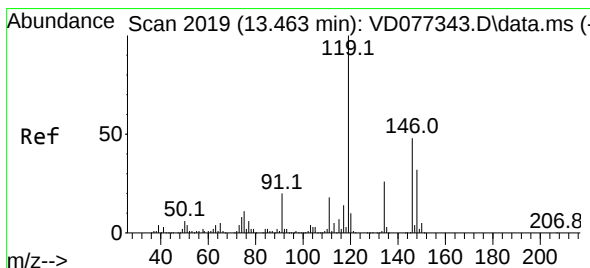
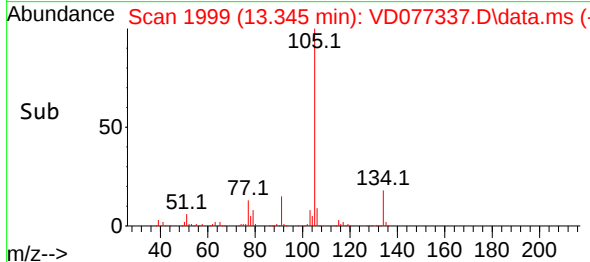
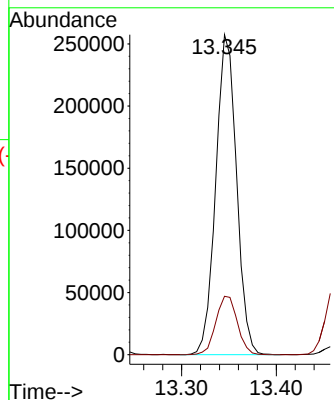
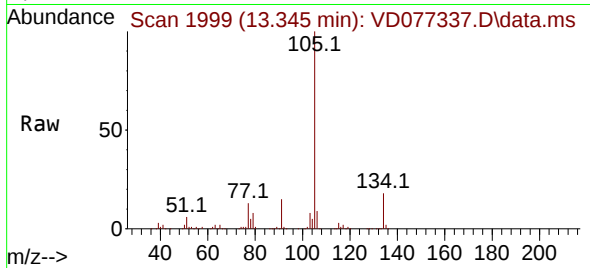




#85
 sec-Butylbenzene
 Concen: 57.571 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD077337.D
 Acq: 17 Oct 2023 13:05

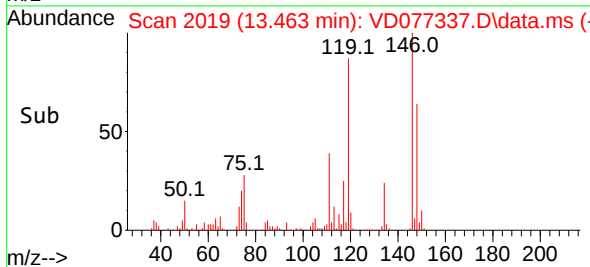
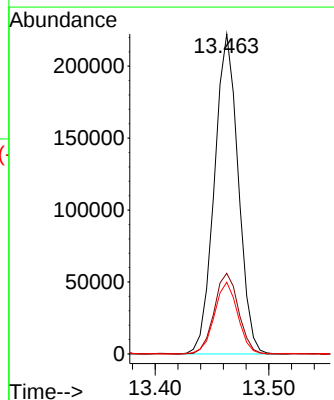
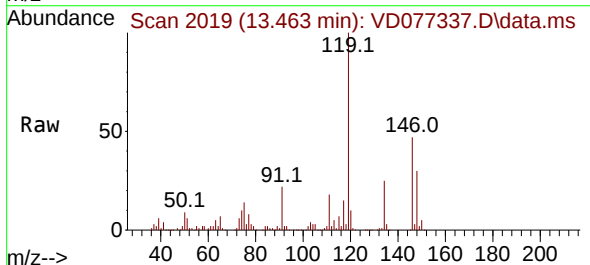
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

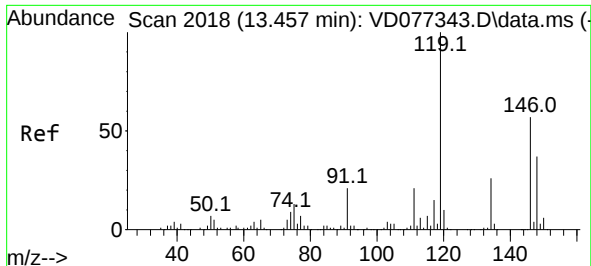
Tgt Ion:105 Resp: 392886
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 54.745 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077337.D
 Acq: 17 Oct 2023 13:05

Tgt Ion:119 Resp: 324563
 Ion Ratio Lower Upper
 119 100
 134 25.6 14.2 42.6
 91 22.0 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 49.349 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD077337.D

Acq: 17 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

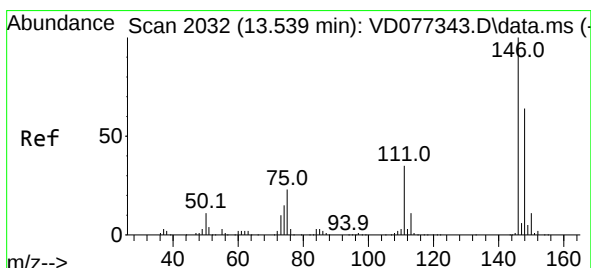
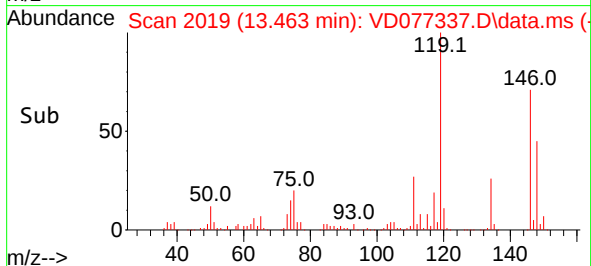
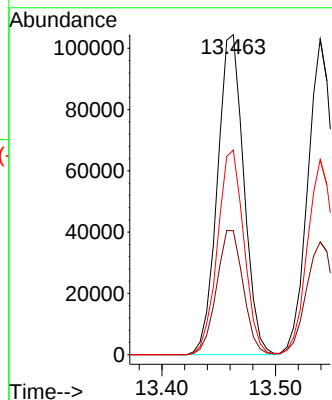
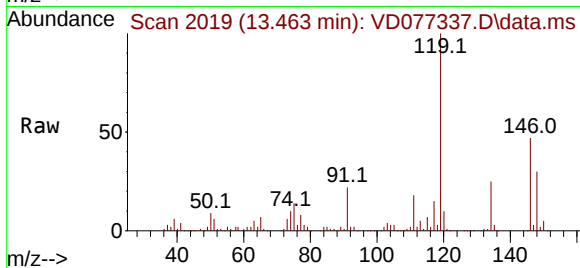
Tgt Ion:146 Resp: 169008

Ion Ratio Lower Upper

146 100

111 39.2 17.9 53.8

148 63.9 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 48.163 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD077337.D

Acq: 17 Oct 2023 13:05

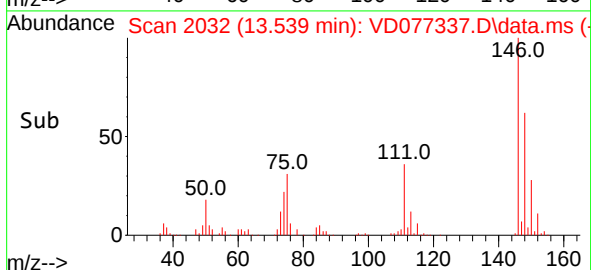
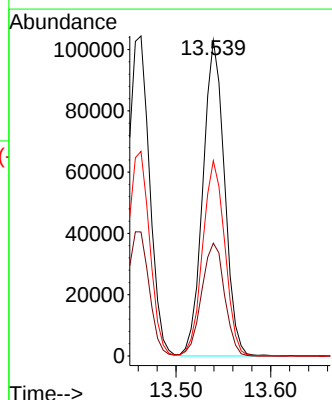
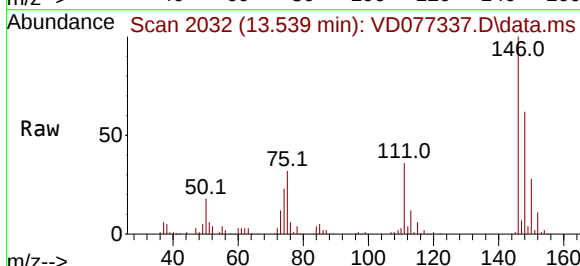
Tgt Ion:146 Resp: 163452

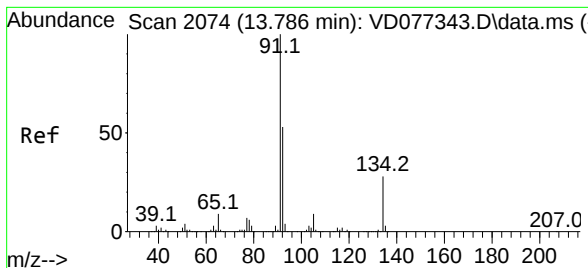
Ion Ratio Lower Upper

146 100

111 38.0 17.4 52.3

148 63.4 31.7 95.1





#89

n-Butylbenzene

Concen: 62.953 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD077337.D

Acq: 17 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

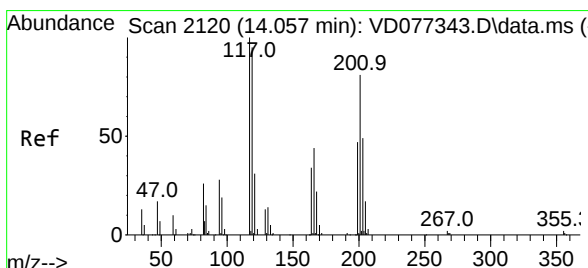
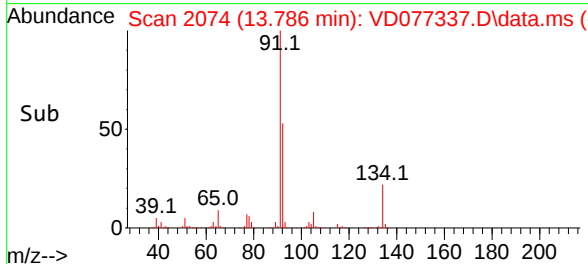
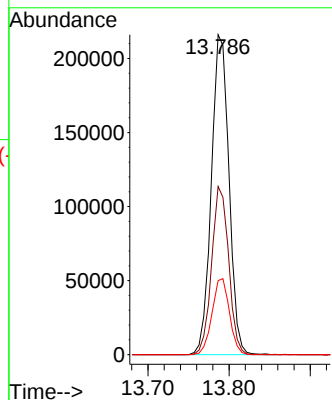
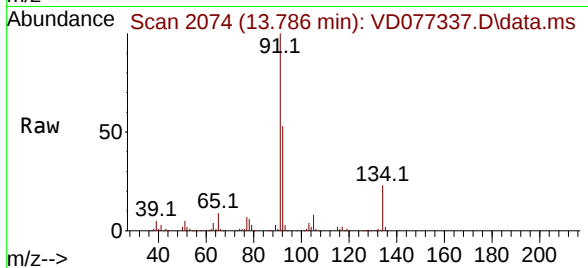
Tgt Ion: 91 Resp: 324985

Ion Ratio Lower Upper

91 100

92 50.9 26.5 79.5

134 23.5 13.8 41.3



#90

Hexachloroethane

Concen: 54.918 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. -0.000 min

Lab File: VD077337.D

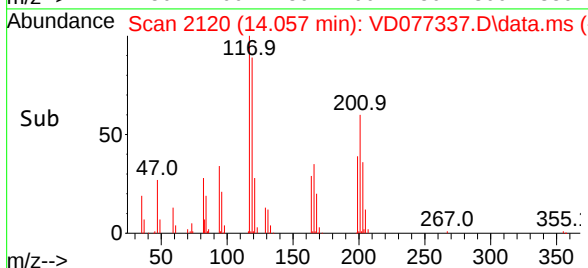
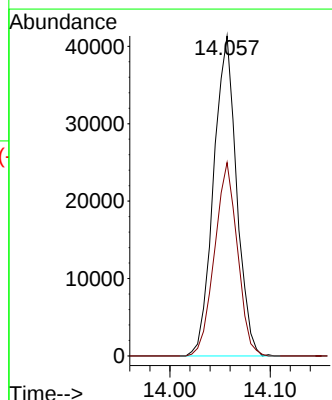
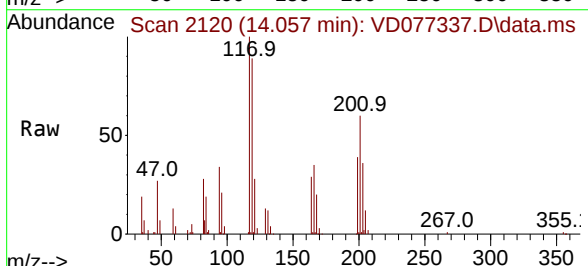
Acq: 17 Oct 2023 13:05

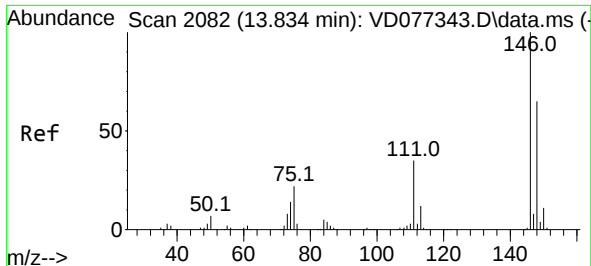
Tgt Ion: 117 Resp: 65814

Ion Ratio Lower Upper

117 100

201 60.1 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 49.118 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077337.D

Acq: 17 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

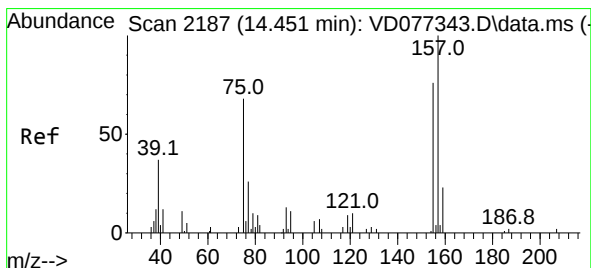
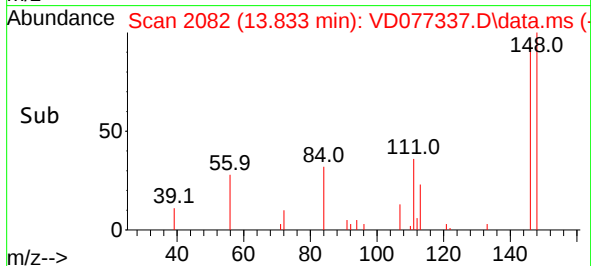
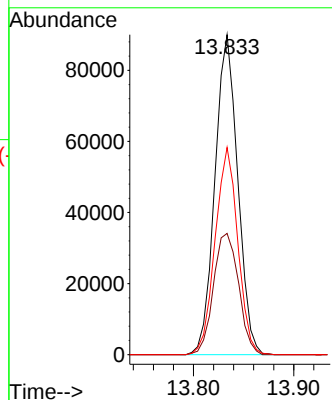
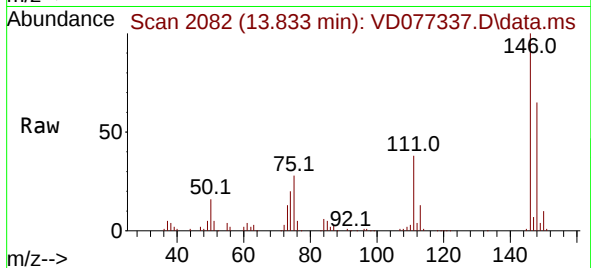
Tgt Ion:146 Resp: 142098

Ion Ratio Lower Upper

146 100

111 41.8 18.3 54.8

148 64.4 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 71.532 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD077337.D

Acq: 17 Oct 2023 13:05

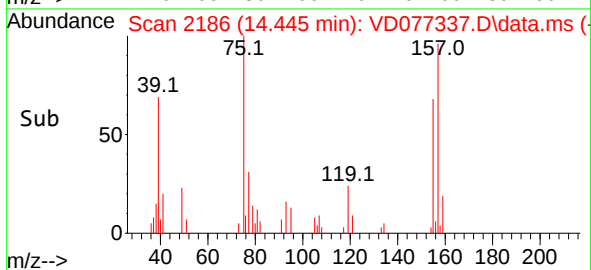
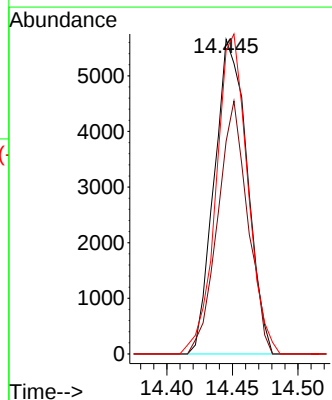
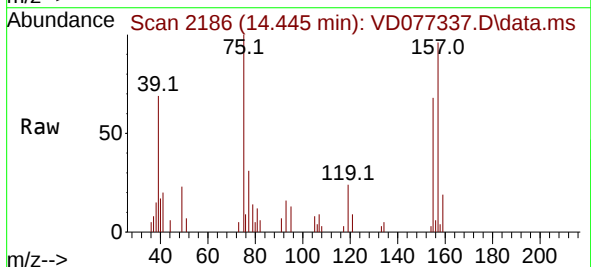
Tgt Ion: 75 Resp: 9862

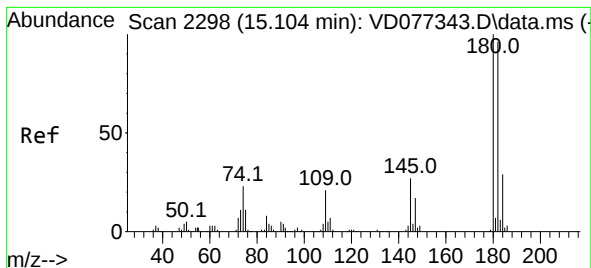
Ion Ratio Lower Upper

75 100

155 73.5 47.9 143.8

157 97.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 43.686 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VD077337.D

Acq: 17 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

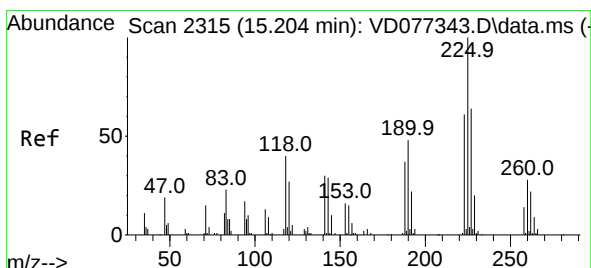
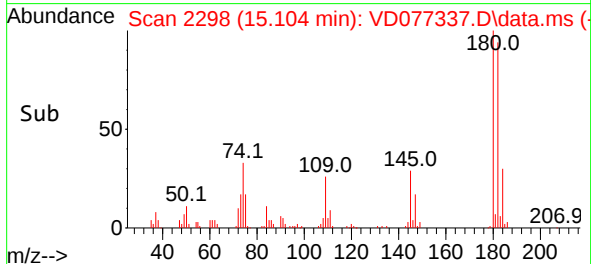
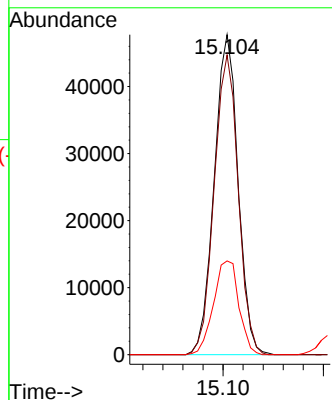
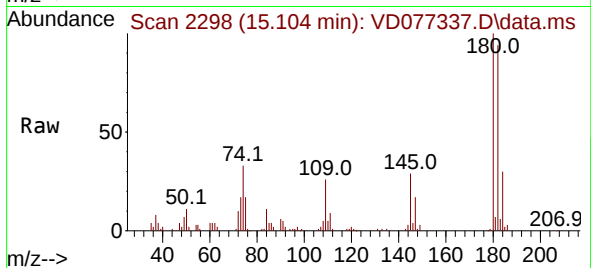
Tgt Ion:180 Resp: 78745

Ion Ratio Lower Upper

180 100

182 94.3 48.5 145.6

145 31.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 38.931 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD077337.D

Acq: 17 Oct 2023 13:05

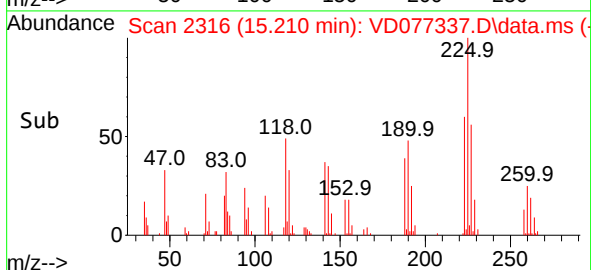
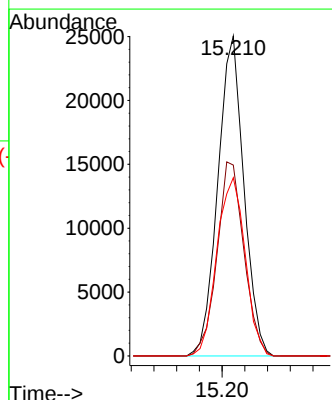
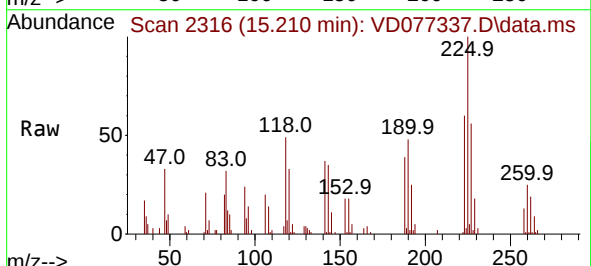
Tgt Ion:225 Resp: 39853

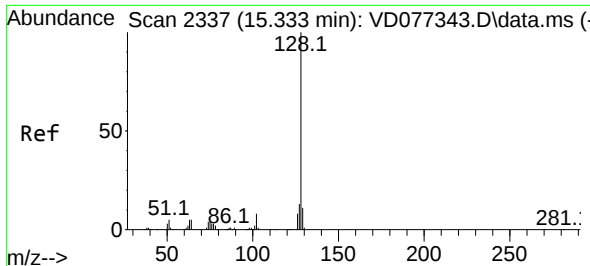
Ion Ratio Lower Upper

225 100

223 62.7 31.6 94.8

227 60.5 31.7 95.1

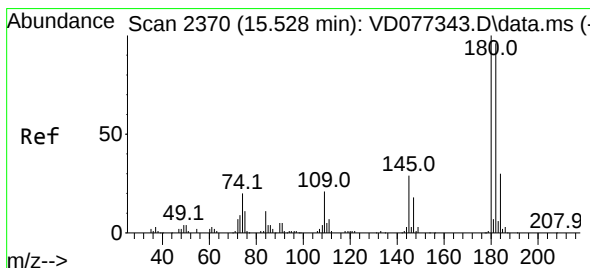
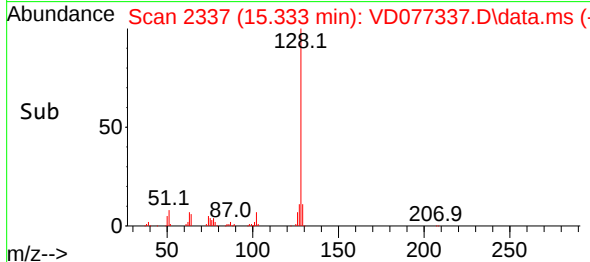
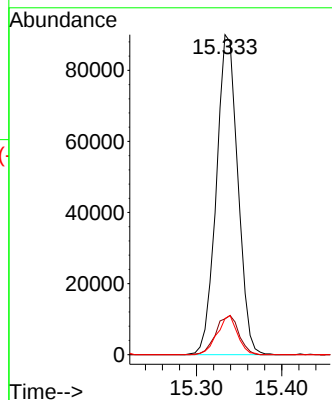
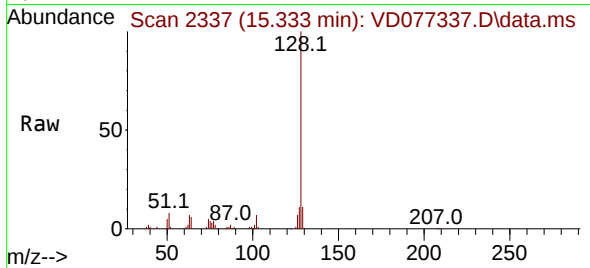




#95
Naphthalene
Concen: 51.780 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 157586
Ion Ratio Lower Upper
128 100
127 11.2 10.5 15.7
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 44.470 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD077337.D
Acq: 17 Oct 2023 13:05

Tgt Ion:180 Resp: 69575
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.9
145 33.7 15.1 45.3

